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Kef Muo, HP Envy 8, Beyerdynamic DTX 350 m, 360Fly

TECHNOLOGY FOR THE
FAST-PACED LIFESTYLE

SpeedTM

MARCH 2016
P150



RETRO ROLLERS

Vintage-looking bikes

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BIG BOYS BUILD TOYS

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SMART SIGNATURE STYLE

LG InnoFest
Asia 2016

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DRIVE

to
the



FUTURE

Auto industry goes high-tech p.86



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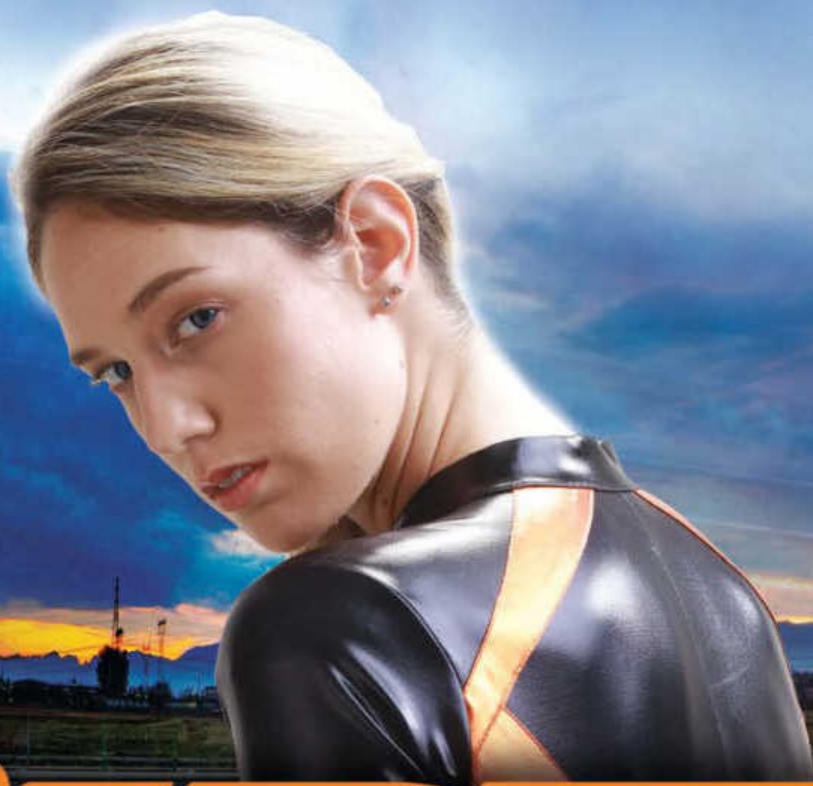
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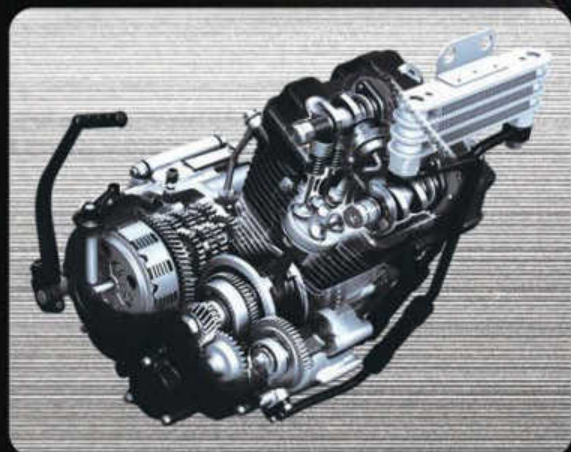
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People@Speed

Get schooled about life and everything Mercedes-Benz by car enthusiast-turned-CATS Motors, Inc. President Renato "Rene" Nuñez.



Introducing the all-new **MONTERO SPORT** *Engineered Excitement*



New Features



Spacious and sophisticated interior



New 2.4L Clean Diesel engine with Mitsubishi Innovative Valve timing Electronic Control (MIVEC) system



New 8-speed Automatic Transmission with Sports Mode (A/T variants)



Super Select 4WDII [4x4 variants] with Off-road Mode (GT)



Tube-type LED Tail Lamp



LED Headlamps and Daytime Running Lights (DRL) (GT, GLS 4x4, & GLS Premium)



Power Tilt and Slide Sunroof (GT)



Blind Spot Warning (BSW) system (GT)



Forward Collision Mitigation (FCM) system (GT)



Hill Descent Control (GT)

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Detour

One morning on my way to work, I contemplated on the traffic situation I was stuck in. In this age where the Internet of Things is disrupting our lives and technology is becoming more sophisticated, when will road gridlocks be alleviated with the help of smarter traffic management?

In case you haven't heard, there's a cocktail of solutions being planned or implemented in other parts of the world: connected and driverless cars, vehicle-to-vehicle and vehicle-to-infrastructure systems, autonomous intersection management, traffic crowdsourcing apps, etc. There is no perfect brew—at least not yet. When these technologies will trickle down to our local shores is also unknown, which is good, in a way, because we can't be ready for them until we have the basics down pat.

"Kahit punuin mo ng kalsada at flyover ang Pilipinas, hindi maso-solve ang problema sa traffic. Nasa tao 'yan," my dad used to quip. Highway construction begets increased traffic; build it and they will come, they say.

Indeed. There are far too many vehicles on the road today—and too few safe, convenient, and reliable alternatives to get from Point A to Point B. How can you fault private car owners from choosing to bring their own vehicles when dilapidated PUVs freely ply our roads, our train systems are laughable, and proper point-to-point bus systems are called "premium services" when they should be the norm?

Motorists and pedestrians disregard traffic rules and regulations. Laws are not strictly enforced. And then there's the crucial role that the government plays—or in our case, fails to do. We need someone in office who is knowledgeable in traffic planning, engineering, and management, and

has the political will to implement them and see them through.

Technological breakthroughs can only do so much. Trite as it is, we all need to do our part to dig ourselves out of this hole. Wouldn't it be nice to be able to drive your high-tech car and not worry about being late for your appointment? Wouldn't it be awesome to take efficient and safe PUVs and trains that don't break down? Imagine a future where public transit, motorists, cyclists, and pedestrians coexist smoothly. And then do something.



Katrina Rivere-Diga
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Meet the geeks

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Gadjo Cardenas Sevilla is an internationally published journalist covering the latest consumer technology, motoring, travel, and business news and features. His interests include science fiction movies, photography, and music.



Marlon Pecjo (a.k.a. Doc Marlon) is a radiologist-turned-fashion and advertising photographer who shoots covers for numerous publishing houses and campaigns for various fashion brands. He does a lot of commercial work as well and travels abroad regularly on different international assignments.



Growing up in the '80s was not easy, especially with the rise of matchboxes and pony cars. Wanting to be an F1 racer, the young **Kris C. Lim** would use their food cover in the kitchen as a steering wheel and his mom's hairspray as a stick shift. A confessed car freak and road safety advocate, Kris admits to being crazy about vintage cars (this gearhead hopes to own a Shelby GT350SR and the legendary 1975 Ferrari 312T). From covering anything with wheels, he is now the PR manager for Carmudi.



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Inbox



Complete from A to Z

Hi, Speed.

Believe it or not, I'm always excited to bring my car to the casa for its PMS because that's where I get to binge-read all your issues while waiting for our car to be serviced (shout out to Diamond Motors Valle Verde branch). I personally like the content as it covers the A to Z of the modern man/woman—cars, tech, fashion, lifestyle.

Your January 2016 issue is a perfect piece to welcome the New Year. I look forward to reading your every issue, but the *kuripot* in me always prevails, so here I am waiting for the additional 5,000 kilometers before my next casa visit. :)

Keep it going, guys and gals!

Mark Carilo

Lovely February issue

Dear Speed,

Your February issue is lovely—from Love Marie (Heart) on the cover down to the last page. I got my copy as a pre-Valentine's gift from my husband <3

Your topics are interesting even for a not-too-techie woman like myself. Your interview with Mr. Romano (People@Speed) is cool, and I also like your stories on new TV shows and game cafes.

Great job, Speed!

Astrid Sarmiento

Let's play

Hello!

I saw your feature on Laruan Atbp. Café. I always pass by this place but never bothered to enter it. But after I read your article ("Your Move" in February 2016 issue), I will definitely visit this place. I'm intrigued by the concept, but I'm more excited to know that there's a "star-studded team" that runs this café. Parokya ni Edgar fan here!

Jay Roxas



Hey, Mark!

Guess what? You no longer have to wait for your next casa visit to read a copy of Speed. That's because we're giving you a free **3-month subscription** of your favorite tech-lifestyle magazine. Consider it our small way of saying thank you for your patronage. But wait—there's more! We're bundling your free subscription with a handsomely rugged and versatile **Braven BRV-PRO** Bluetooth speaker worth P6,750 courtesy of our partners from Digits Trading. Drop by our office soon, okay?

We want to hear from you!

Send in your thoughts and comments about Speed by dropping us a line or two at editorial@speed-mag.com.



Speed feed



@iamhearte
Hello #HappinoYs catch me and @HappyMobilePh on the cover of @SpeedMagazine this Happy Heart Season! #HappyMobilePh #HappyHearsDay2You

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ganda mo

Trending

TECH FRONTIERS



3D printing at your fingertips

Words **CANDY VILLANUEVA-LYKES**

FOR THE LONGEST TIME, 3D PRINTING WAS JUST SOMETHING YOU'D WATCH AND HEAR ABOUT ON THE NEWS. Today, it is a reality that you can hold in your hands. Enter OLO, the world's first smartphone 3D printer.

OLO may look like a little fancy case for your phone, but it's actually more than that. It consists of a reservoir that holds your phone, a specialized photopolymer resin, and a mechanized lid containing

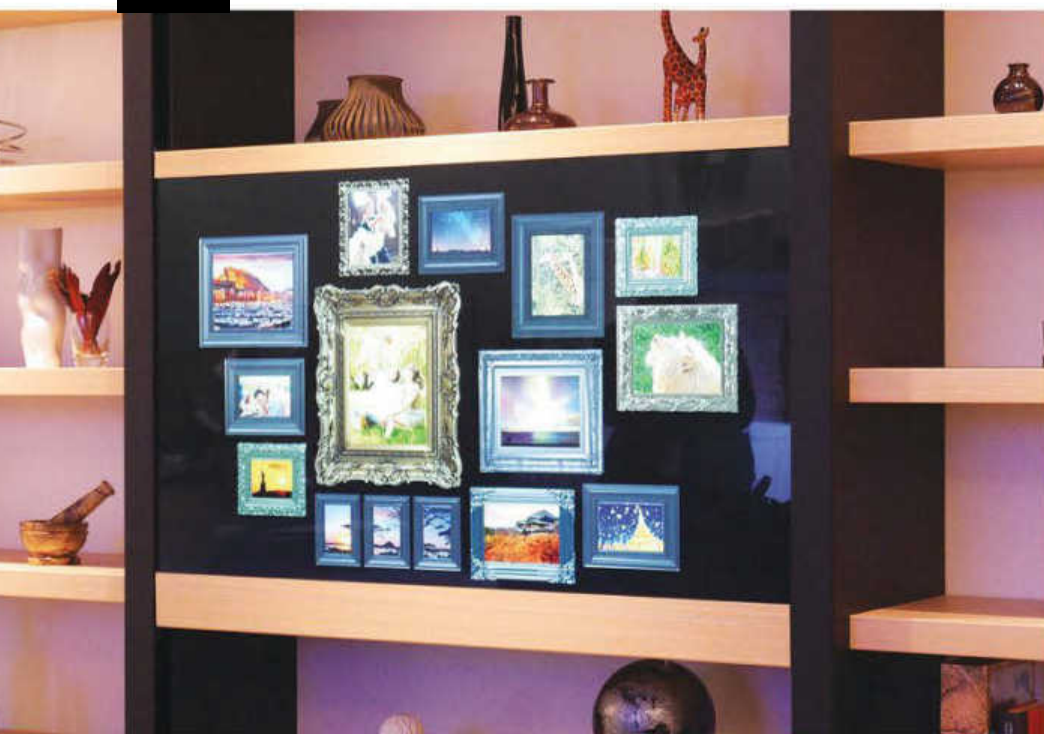
redirect the light from your phone upward, causing a layer of resin to solidify on the build plate. The plate will continuously move upward as each layer is made.

The app allows you to upload and manage your 3D models and send them to print. The \$99 3D smartphone printer is also designed to be another social device in that it allows you to share your models and make your skills available to the OLO community.

the build plate and control electronics. It's designed to work with any smartphone and is compatible with Windows, Android, and iOS.

To start the process, the printer's app will turn on the phone's screen with your chosen pattern. A polarized glass at the bottom of the reservoir will then





CES

Invisible TV

TVs DESIGNED TO APPEAR TO FLOAT HAVE BECOME POPULAR CENTERPIECES IN MODERN LIVING ROOMS, BUT PANASONIC WANTS TO VENTURE INTO A WHOLE DIFFERENT CONCEPT: a transparent TV that disappears when turned off.

turned on, the TV became illuminated by LED lights, flashing images up to 1080p resolution. Features of this TV of the future include gesture controls, and a smart display of weather, news, among other information.

At the CES 2016 in Las Vegas, Panasonic's prototype of the transparent TV stood in front of a shelf filled with vases and artworks. While the TV was off, users could see through the screen, viewing the decors behind it. But once

the TV was on, the TV became illuminated by LED lights, flashing images up to 1080p resolution. Features of this TV of the future include gesture controls, and a smart display of weather, news, among other information.

PEE-POWERED SOCKS

FINALLY, PEEING IN YOUR PANTS—OR IN THIS CASE, UP TO YOUR SOCKS—HAS BENEFITS THAT COULD HELP YOU SAVE FACE AND SAVE YOUR LIFE BY GENERATING ELECTRICITY RIGHT FROM YOUR CLOTHING.

This special pair of socks creates electricity by combining human kinetics and—you guessed it—urine. The socks are installed with a network of tubes where urine passes. Human activity such as walking circulates the urine and produces electricity through microbial fuel cell (MFC) technology. In case of a disaster or emergency, these socks can power your smartphone and let you send a text message or call for nearby help.



MIT

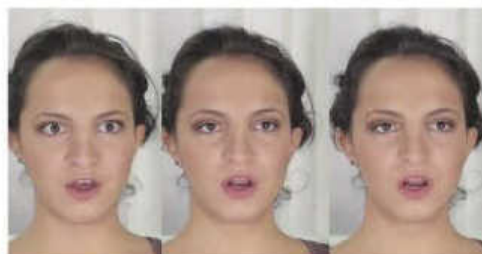
FAST-AID

Redressing a wound or simply peeling off a bandage is only an inconvenience that adds to your pain and worries. But now you can free yourself from all that with the latest hydrogel bandage from MIT.

This bandage protects *and* monitors your wound's healing progress. It can read the wound's temperature and determine when medicine is needed to be applied—and it does so automatically. Composed of 90 percent water, this bandage can be embedded with semiconductor chips and sensors, while the rubbery hydrogel matrix makes it flexible enough to bend and twist with human tissue.

'PHOTOSHOP' YOUR ACTING

This software could just land you a gig in Hollywood. Actors' and actresses' faces can now be digitally manipulated in post-processing thanks (or no thanks) to FaceDirector, a collaboration of Disney Research Zurich and University of Surrey that can alter pre-recorded shots of faces and expressions. Rather than rendering images from scratch, the software morphs faces based on previously recorded takes. It also relies on audio cues to sync the expressions perfectly.



Disney Research



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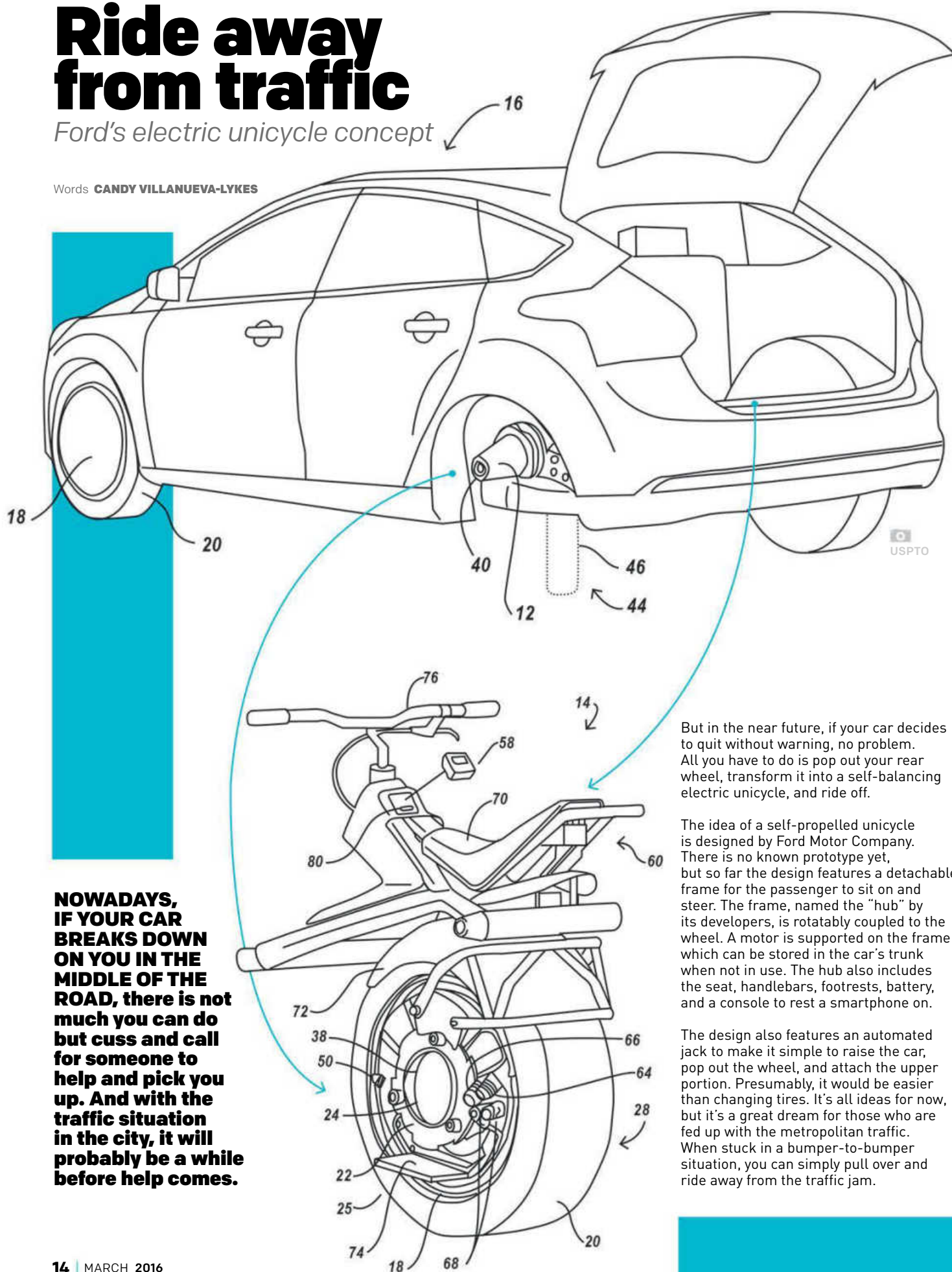


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Ride away from traffic

Ford's electric unicycle concept

Words **CANDY VILLANUEVA-LYKES**



NOWADAYS, IF YOUR CAR BREAKS DOWN ON YOU IN THE MIDDLE OF THE ROAD, there is not much you can do but cuss and call for someone to help and pick you up. And with the traffic situation in the city, it will probably be a while before help comes.

But in the near future, if your car decides to quit without warning, no problem. All you have to do is pop out your rear wheel, transform it into a self-balancing electric unicycle, and ride off.

The idea of a self-propelled unicycle is designed by Ford Motor Company. There is no known prototype yet, but so far the design features a detachable frame for the passenger to sit on and steer. The frame, named the "hub" by its developers, is rotatably coupled to the wheel. A motor is supported on the frame which can be stored in the car's trunk when not in use. The hub also includes the seat, handlebars, footrests, battery, and a console to rest a smartphone on.

The design also features an automated jack to make it simple to raise the car, pop out the wheel, and attach the upper portion. Presumably, it would be easier than changing tires. It's all ideas for now, but it's a great dream for those who are fed up with the metropolitan traffic. When stuck in a bumper-to-bumper situation, you can simply pull over and ride away from the traffic jam.



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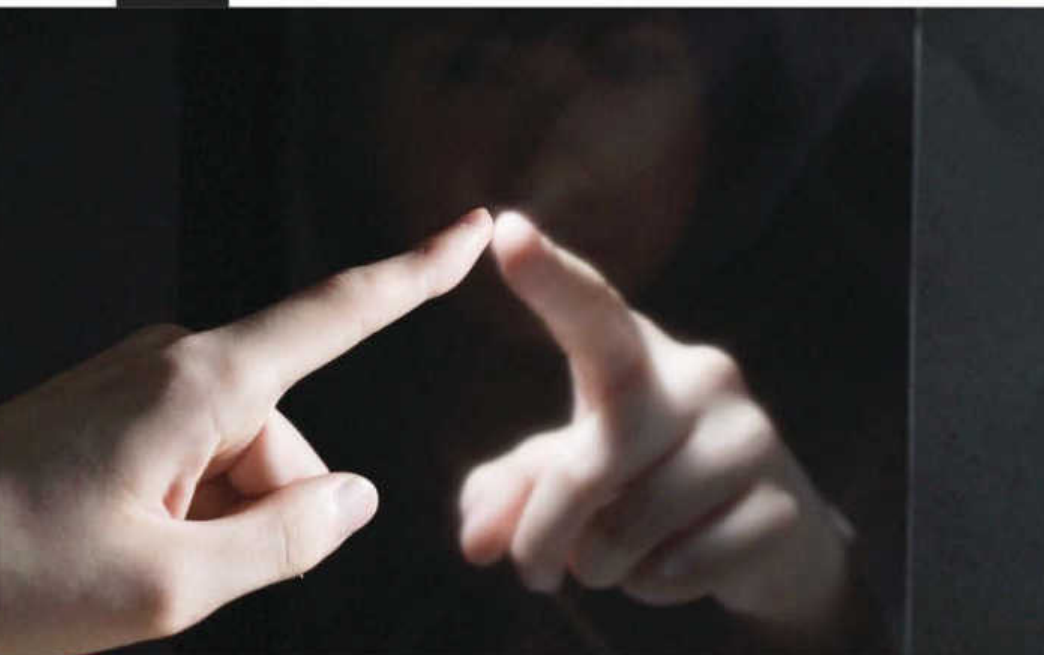
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each lined with four ultrasonic arrays that emit ultrasonic radiation pressure. This is what makes the recipient feel like they're touching the image.

For now though, the technology is restricted to light touches, so hand-holding may still be in the distant future.

Researchers in Japan are developing a system called HaptoClone, using technology called telehaptics. This system allows users to send holographic images that the recipient can touch through a specialized receiving box. So if you send a hologram of your hand to your beloved, they can lightly caress it.

The HaptoClone is made of two boxes, each lined with four ultrasonic arrays that emit ultrasonic radiation pressure. This is what makes the recipient feel like they're touching the image.

BRAIN games

MOVE OVER, RETAIL THERAPY. PLAYING VIDEO GAMES MAY NOW BE THE BEST WAY TO COMBAT STRESS AND ANXIETY.

Following the model set by using play in therapy and counseling sessions, researchers in the UK are now looking to video games as a potential source of healing in patients with psychological issues. This is crucial because every year, more and more cases of mental problems have been reported in youths below age 14, from anxiety to deep depression.

Medication isn't always recommended to young patients, so the medical field is now developing therapeutic tools along with the gaming industry. Video games with solid storytelling, immersive role play, and game dynamics that can help stabilize the player's frame of mind are particularly in focus.

One such game called *Sparx* is specifically created for patients with depression. And even simple games like *Angry Birds* have been found to help alleviate anxiety symptoms.



MOTOR MAPPING

If only your car could build its own map as it drives you around an unfamiliar city, then you wouldn't have to rely on wonky navigation apps ever again.

Well, if General Motors' (GM) plan works, then a better road mapping system can be had in the future. GM plans to install cameras on its self-driving cars to help the vehicles navigate its surroundings.

The specialized cameras will be supplied by Israeli software company Mobileye, whose technology can detect vehicles, pedestrians, road markings and signs, traffic lights, and other obstacles.

Using Mobileye's OnStar system, GM will extract the data collected by the cameras to construct maps that can be updated in real time. Unlike standard GPS systems with a huge margin of error in meters, GM's road mapping system allows a vehicle to identify its location up to 10 centimeters, providing a much more accurate estimate of its whereabouts.

This degree of accuracy also ensures greater safety for the car's passengers, since moving obstacles can be easily detected by the cameras.

Concrete takes the heat



Fire is a major safety risk, so scientists are developing fire-resistant concrete to help you prevent your house or building from going up in smoke.

Standard concrete doesn't burn like wood; it still splits and flakes when exposed to heat. This poses a safety hazard when walls, ceilings, and pillars are made of

such, because they can crash down and cause injury to those trapped inside a burning structure.

Researchers at the Swiss Federal Laboratories for Materials Science and Technology (EMPA) created concrete walls infused with a synthetic super absorbing polymer (SAP), which absorbs water. Pre-soaked SAP is added to the concrete, which contracts while drying, leaving a network of spaces that enable the concrete to withstand temperatures of up to 1,000°C.



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SM Bacolod, SM San Mateo, SM Davao, SM Lanang, SM Cebu, SM La Consolacion, SM Cabanatuan and SM Baguio

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Harvester of light

Largest urban solar farm in PH now operational

Words **ANTONIO JOSE GALAURAN**

VALENZUELA.GOV.PH, RODRIGO DE GUZMAN



GOING SOLAR USED TO BE A FARFETCHED IDEA, A TECHNOLOGY VIABLE ONLY FOR FIRST-WORLD COUNTRIES. BUT JUST RECENTLY, THE PHILIPPINES' LARGEST IN-CITY SOLAR FARM HAS OPENED IN VALENZUELA, A MOVE THAT TAKES THE COUNTRY A STEP FORWARD TOWARD BUILDING MORE SUSTAINABLE CITIES.

This solar-powered farm owned by Valenzuela Solar Energy Inc. in Barangay Isla, Valenzuela, houses over 32,000 solar panels spread out across an 11-hectare area. Before becoming a solar farm, the vast area was a fish pond. Eight months of construction transformed the place into a bastion of alternative energy.

The whole farm can generate up to 8.6 megawatts of electricity a day, which is enough to power more than 62,000 homes (each megawatt can power up to 7,200 households). Energy produced by this solar farm is then sold to the Manila Electric Company (Meralco) for distribution.

Unlike fossil fuels that deplete and release harmful carbon emission, harnessing the sun's power to produce energy is vital towards sustainable living, especially in tropical countries like the Philippines. Moves to

convert idle lands into income-generating yet environment-friendly facilities could be a first step towards a greener future.

Aside from providing green energy, the plant opens up employment opportunities for locals. The group behind the structure also intends to donate solar panels to Barangay Isla Elementary School as a way of giving back to the community.



YOUTUBE, KRIS DE JESUS



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 CurvedDisplay  UltraWide  Wide Viewing Angle

Brilliance Curved UltraWide Display
(BDM3490UC)



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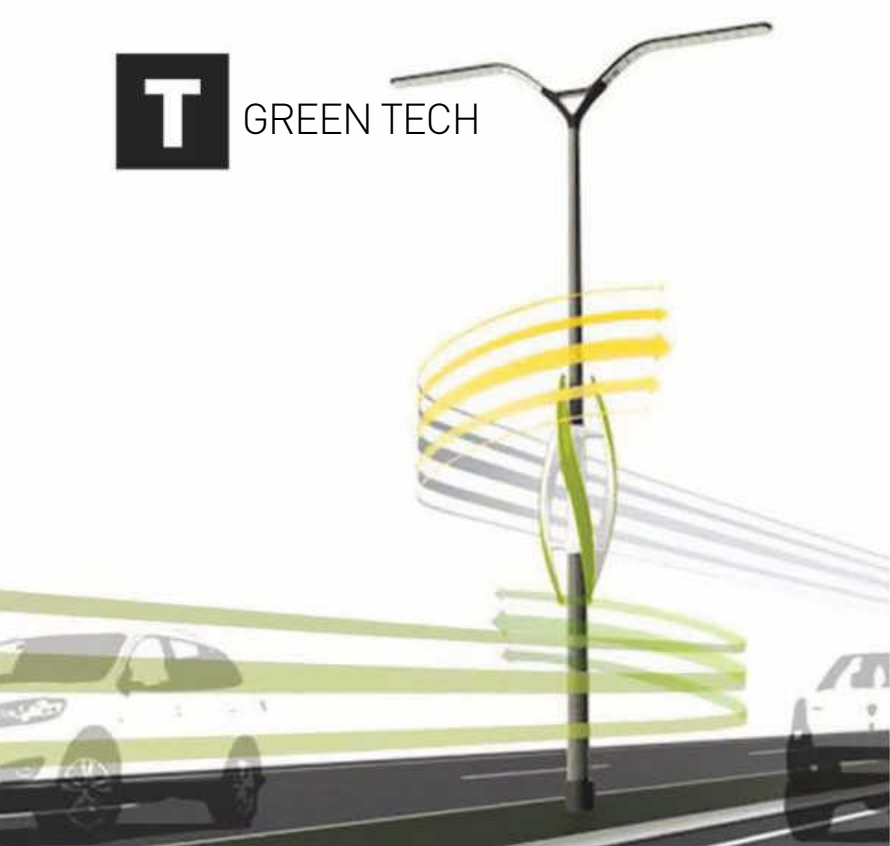


Brilliance Curved Display
(279X6QJ5W)

 CurvedDisplay  Wide Viewing Angle



PHILIPS



FROM GRAY TO GREENER ROADS

WINDMILLS ARE NOT NEW TECHNOLOGY. IN FACT, A NUMBER OF THEM ARE ALREADY INSTALLED IN AREAS WITH STRONG WINDS AND TURBULENCE.

But imagine a windmill—in the middle of the road, like EDSA—that can generate electricity, run on solar power, and filter out pollution. You're probably thinking, "Hey, we absolutely need this right now!"

Good news: it has already been invented. Capture Mobility is a turbine that looks like an innovative streetlamp. It harnesses airflow from incoming traffic and converts it to usable energy. Each unit can generate up to seven kilowatts per day, which is enough to supply an average sized home for 24 hours. It also has an integrated filter that sucks out road pollution harmful to humans and the environment.

TURN UP THE HEAT

HOME APPLIANCES THAT CONVERT ELECTRICITY TO HEAT ENERGY BRING A HUGE SPIKE TO YOUR ELECTRICITY BILL (READ: IRON, HEATERS, ELECTRIC STOVE). Thanks to this new technology, you can now store solar power and convert it directly to heat energy for use in your home.

Scientists from MIT created a device that "charges" when exposed to the sun, and later on releases heat energy. As of now, the thin material called azobenzenes generates up to 10°C, and the researchers are looking forward to doubling the temperature output in the future.



GRASS-LIKE WIND GENERATORS

YOU CAN NOW HARNESS WIND ENERGY STRAIGHT FROM YOUR ROOF. A new innovation utilizes grass-like wind power generators that spread out like carpet on top of a roof. A 300-square-meter roof could deliver 7.11 kW of electrical energy, which is enough to power a regular household. These generators use strips of nanowires coated with indium tin oxide (ITO) that slap against each other, prompting electrons to leap from one material to another. This phenomenon triggers a "triboelectric effect" that in turn, produces energy.



100% RECYCLABLE!

ONE OF THE BIGGEST PROBLEMS IN THE WORLD IS HOW TO RECYCLE PLASTIC, but finally researchers at Colorado State University have come up with a 100 percent recyclable biopolymer that could help you safely reuse plastic bottles and other containers.

Waste plastic can now be continuously recycled into a safe form. The bioplastic named poly(GBL) can simply be heated at temperatures between 220 and 300°C to return to its original state monomer called Gamma-butyrolactone (GBL).

CLEAN WATER FROM THE TOILET



CRANFIELD UNIVERSITY

THINK ABOUT A TOILET BOWL THAT CAN GENERATE CLEAN WATER. SOUNDS LIKE A PARADOX? NOPE, AND IT MAY SOON TURN TO A REALITY.

This innovative lavatory called Nano Membrane Toilet works by using a rotating mechanism that sweeps waste into a sedimentation chamber. The waste is then filtered using a nanotech membrane that separates vaporized water molecules from the rest of the waste, thereby removing pathogens and separating the solid waste. The vaporized water is then collected on a chamber with "nano-coated hydrophilic beads" that condenses the molecules back to water.

Note however, that the water is yet to be potable, but could already be safe for washing and farm irrigation.



100

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Everyday Philippines

@everydayphilippines
EverydayPhilippines
everydayphilippines.com

THE PHILIPPINES IS A STORIED PLACE, AND EVERYDAY PHILIPPINES TAKES ON THE TASK OF PROVIDING A VISUAL NARRATIVE OF WHAT GOES ON BEYOND WHAT WE SEE IN THE NEWSPAPERS AND ON TELEVISION.

Founded by photojournalists Tammy David, Veejay Villafranca, and Jes Aznar, Everyday Philippines shows photos of the daily grind in the country. It curates and reposts



photographs taken by amateur and professional photographers that are tagged #EverydayPhilippines. These images are accompanied by short captions.

EverydayPhilippines mixes the ordinary with the bizarre, and unearths the country's long history and age-old traditions in the contemporary. It screams: Welcome to the [real] Philippines.



Black Wing Shoes

@blackwingshoes
Black Wing Shoes

FOLLOW BLACK WING SHOES' PAGE AND SEE A VARIETY OF FOOTWEAR—LOAFERS, BROGUES, OXFORDS, MONK STRAPS, AMONG OTHERS—ON YOUR DAILY FEED.

This unassuming page showcases photos of originally designed and custom-made shoes by Marikina-based couple Alain and Anna Tan. What makes it special is that the images, as straightforward as they are, capture the craftsmanship and details that went into each pair.

Take pride at the unquestionable Filipino talent and skill. And when your working shoes have given up on you or an occasion requires special leather, you're already one click closer to having a pair custom made for you.



U-gin

@ugin_x

LOOK AT LIFE IN BLACK, WHITE, AND ALL SHADES OF GRAY IN BETWEEN ON THE INSTAGRAM PAGE OF @ugin_x.

Photographer U-gin captivates you with his black and white photography. He takes arresting silhouettes and black-and-whites, that even the lack of color doesn't take away the essence of his images. Every composition on his distraction-free page is photography at its most basic form, harkening back to photography's colorless origin.

Based in Manila, U-gin takes photos of subjects that are within his reach—the people, architecture, streets, and the entire flurry on his home city. And following his page makes you see the City of Manila in a different way.



Filipino Food Movement

@filipinofoodmovement
The Filipino Food Movement

FROM A HOMEMADE CHOPSUEY OF A FILIPINA HOUSEWIFE IN TAGUIG, TO A GOURMET SIZZLING SISIG IN A RESTAURANT IN FREEZING NEW YORK CITY, THE POSTS FROM FILIPINO FOOD MOVEMENT WILL HAVE YOUR STOMACH GRUMBLING FOR YOUR ALL-TIME-FAVORITE FILIPINO CUISINES.

Filipino Food Movement celebrates the great flavors of our country's food by reposting photos of our traditional dishes from enthusiasts and chefs around the globe. In Facebook, it also shares interesting articles about Filipino cuisine all over the world.

A dosage of the mouth-watering images from the Filipino Food Movement on your feed will surely whet your appetite.



Ram Ng

@ramng

MOUNTAINEER RAM NG DOCUMENTS HIS CLIMBS AND ADVENTURES IN AND OUT OF THE PHILIPPINES ON HIS INSTAGRAM ACCOUNT.

His photos show him (and his fellow mountaineers) climbing a rocky mountain or hiking on muddy trails, as well as the breathtaking sight at the peak. The images are accompanied by detailed tales of the experience. But there are times when the photos speak for themselves and perfunctory captions suffice.

Of course, littering his Instagram feed are the mandatory summit shots, where Ng is usually in his hiking gear and checkered along looking at the scenic view from the mountain top.



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Timberland 
APPAREL | FOOTWEAR | ACCESSORIES

For our first Car & Bike issue of the year, *Speed* lists six social media accounts that can make being stuck in traffic less boring.



Bored Elon Musk

@BoredElonMusk

WE'RE SURE YOU ALREADY FOLLOW @ElonMusk ON TWITTER. Where else will you get first-hand report on Tesla, SpaceX, SolarCity, PayPal, and Hyperloop? But this real-life Tony Stark's feed can be science-technology serious. So if you're in for some hilarious ideas, follow @BoredElonMusk on Twitter. This futuristic hyper-parody account is filled with what-could-be thoughts and inventions from Musk in his downtime. Big ideas like having a "feature that lets you send a big "N000" to your Lyft/Uber driver as you wait and watch them make wrong turns on the map" are tweets we dig.



Live and Let Diecast

@live_and_let_diecast

YOU WON'T FIND ANY LUXURY CARS, SPEEDING FORMULA MACHINES, OR MONSTER TRUCKS AT THE LIVE AND LET DIECAST ACCOUNT, BUT YOU'LL SEE INCREDIBLE PICTURES OF DIECAST MODELS—and they're just like the real thing.

The Instagram account features the best shots taken from LaLD.co, an online portal of diecast collectors. Follow this account and satisfy your toy car-filled childhood dream.



Igor Maminta

@igorinfocus

INDEPENDENT PHOTOGRAPHER IGOR MAMINTA SHOOTS CARS AND ANYTHING CAR-RELATED FOR PUBLISHING, FOR ADVERTISING, AND AS A PERSONAL HOBBY. His works have also been featured in various local and international car magazines and newspapers. Get your daily dose of gorgeous cars as well as the latest motoring news and events.



Vintage Motors

@VintageMotors

WHILE MOST CAR-RELATED INSTAGRAM ACCOUNTS GIVE OFF THAT ACTION-PACKED, SPEEDY VIBE, VINTAGE MOTORS EXUDES A SENSE OF CALM WITH ITS SIMPLE FEED OF VINTAGE CARS. This account shares clean, side-profile photos of automotive classics—everything from a 1982 Porsche 911 to a 1969 Volkswagen Beetle 1500. It celebrates the beauty and simplicity of the pre-1990 automobile.



Sniff Petrol

@sniffpetrol

THE BEST WAY TO DESCRIBE SNIFF PETROL'S TWITTER ACCOUNT: It's motoring news with a hint of humor. This Twitter account shares the latest in the automotive industry with accompanying funny tweets to make them way more interesting than they actually are. Sometimes @sniffpetrol just drivels on and on about cars, but in such an entertaining way that even non-car fans will enjoy.



Petrolified

@petrolified

IF YOU CAN'T BE LUCKY (OR RICH) ENOUGH TO HAVE A JAGUAR E-TYPE OR A 911 CARRERA RS IN YOUR GARAGE, THE NEXT BEST PLACE TO HAVE THEM IS YOUR INSTAGRAM FEED. Follow @petrolified and check out their posts that pay homage to some truly iconic cars. There's also a link to its website, too, where you can buy these prints and place them on your wall as automotive art.





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VENTURE KID

Platform: iOS

\$0.99

Words **ERIK PAOLO ESCUETA**



ONE LOOK AT VENTURE KID AND YOU CAN'T HELP BUT MAKE A DIRECT COMPARISON WITH ITS INSPIRATIONAL MATERIAL MEGAMAN.

The 8-bit protagonist Andy is the spitting image of a helmet-less Mega, and even his firing stance is unabashedly the same as well.

But don't be fooled. Underneath that exterior lies a challenging and action-packed game that would make the blue bomber proud. Judging from the spiky hazards and bottomless chasms, the territory feels more than familiar but in a good way. You'll definitely need full use of fast reflexes and quick thinking if you want to make it to the end. Even the baddies in your way are just as crafty to deal with, with unique characters like the Grim Reaper and a Donkey Kong lookalike standing in your way.

Don't worry, too, if you think you're stuck with just the standard pea shooter. Power-ups are scattered about to help you blast your way through, from a trusty boomerang that flies around, to a freeze ray that you can use to turn enemies into platforms. You'll also need these power-ups if you want to discover all the secret areas littered about, which yield valuable discoveries to boot. And if you have an MFi Bluetooth controller, you can use that instead of the touch controls to really give yourself an edge. These little nuggets make *Venture Kid* a nostalgic homage to retro side-scrollers that's more than worth its dollar price.



TIPS & GUIDE HOW TO HAVE A WONDERFUL SNORKELING EXPERIENCE



TUSA IMPREX 3D MASK



Is your Mask leaking?

Pure silicone skirts ensure proper fit. Its hypoallergenic properties will not give your skin allergies. Purge valves in the nose pocket, allows easy displacement of water by simply blowing air from your nose.

Fogging Lens?

This easy-to-use Anti-fog treatment will remove the build up of oils which can prevent the anti-fog coating from working effectively. Non-irritating and long lasting.



Semi-permanent anti-fog film is also available to be installed inside the mask lens that ensures clear visibility.



Can't see well without your glasses in the water?

Custom graded lenses both for near or far sighted individuals are available.



Choking on water in your snorkel?

A submersible dry snorkel would come in handy for this problem. The snorkel sports an automatic valve that closes when one submerges and opens up for breathing when reaching the surface. A purge valve is also located under the mouth piece for quick clearing by blowing air from your mouth.



TUSA SPORT UF-14Z

Foot cramps and blisters will be part of your experience when using ill-fitting fins. These will also give you a tremendous amount of swimming force and will save you a ton of energy.

Should i buy?

Cleanliness - it is probably the first thing that goes thru one's mind when renting gears. Although saltwater has its inherent sanitizing properties, these gears are used by lots of people and putting it in your mouth is unhygienic. This can be avoided by buying your own equipment.



Snorkeling Vest vs Life Vest

The unsightly orange colored life vest is the most common floatation device used by resorts to ensure safety of their guest when in the water. This does not work very well when snorkeling. A proper snorkeling vest allows you to inflate it to provide ample buoyancy or deflate it when you want to dive into the underwater world.

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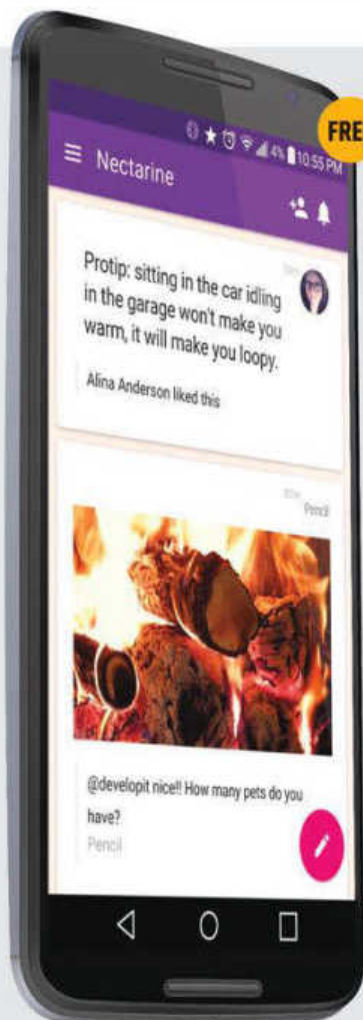
032-415-5036

LAUNDRY DAY

Platform: iOS

When doing laundry or checking out clothes in a store, have you ever wondered just what exactly those washing instruction symbols mean? With the Laundry Day app, be mystified no longer. Just scan the labels on your chosen apparel, and the app magically displays detailed information about taking care of your many garments. And it's really encompassing, covering a wide array of instructional symbols that aren't exactly self-explanatory to begin with—from telling you whether or not to machine wash at a specific temperature, to specific handling directions and material guidelines. Laundry Day really pays attention to every little detail. Now you'll never mix the colors and whites ever again. Hopefully!

\$1.19



PEACH

Platform: iOS

NECTARINE

Platform: Android

Tired of Facebook? Is Twitter confusing? Instagram getting a bit boring? Then check out Peach, a new social media app for iOS that's easy to use and makes discovering new surprises throughout your day even easier.

Creating a post is just like composing a text message, and a nifty lightbulb icon helps spark new ideas to get your creative juices flowing. You can send stuff to your friends to let them know you care, like a slice of cake, a simple hug, or a hearty wave. Peach also has magic words that let you share specific content—for example, write the word "song" in your post and you can add music. Other words include "draw" for doodle, and "rate" to give a star rating to just about anything.

If you're on Android, you can also join your buddies on Peach by downloading the Nectarine app, although you'll have to do without the magic words for now.



FREE

PIGMENT

Platform: iOS

Walk into a bookstore and you've probably seen more than your fair share of coloring books for adults designed to help folks relax. If you have an iOS device, you, too, can get in on the coloring fun. The Pigment app has over 200 curated illustrations begging to be colored with eight kinds of pencils, markers, and brushes at your disposal.

Pigment also wants to deliver an authentic an experience as possible, providing pressure sensitivity for Force Touch screens and supported Bluetooth styli. And if you're thirsty for more, there's a paid premium subscription that nets you even more illustrations plus the option to save your masterpieces in print-ready resolution that's great for framing.



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WHAT'S OLD IS NEW AGAIN



GADIO
CARDENAS
SEVILLA

I've spent years covering the fast pace

of technology, and like many, have gotten caught up on looking for the newest technologies, the thinnest devices, the fastest processors, and the most vivid displays.

The best and the latest, which is attainable for the highest prices, are reduced to obsolescence in a few months when the next new thing comes along. It's an endless cycle, one that's powered by the engine of commerce as much as it is by the arc of innovation.

Analog renaissance

What I realized—or rather, remembered—was that there was a time when things were made to perfection and to such an exacting degree that there was very little room for improvement. I was reminded of this at the International Consumer Electronics Show where two of the more interesting 'reveals' were a 40-year-old record player and a reimagined 50-year-old film camera.

The Technics LS-1200, considered the best DJ turntable money could buy, was sold from 1972 to 2010 and is a prized possession for anyone who loves to play vinyl records. Now owned by Panasonic, Technics is releasing the LS-1200 in various special editions this year, at a time when record sales are up by 77 percent.

I no longer own vinyl records, but I am lusting after the new LS-1200. And I am sure they will sell a lot of these record players.

More surprisingly, Kodak is bringing back its Super 8 film camera. This is the same format used by aspiring filmmakers of the past, and which documentary makers and amateurs swore by before video formats like Beta or VHS became mainstream.

What's impressive about the new Super 8 is the process. As Kodak explains, "when you purchase film, you will be buying the film, processing, and digital transfer. The lab will send you your developed film back and email

you a password to retrieve your digital scans from the cloud so you can edit and share in any way you choose."

Film may be obsolete in the eyes of many, but it is superior to digital in certain ways. Shooting on film is a lot about technique, working with the limitations of the medium, and making art.

I recently watched Quentin Tarantino's *The Hateful Eight*, which was shot through antique lenses and cameras using the immersive Panavision 70mm film format, which has a higher resolution and grander scale than 35mm film; the movie looked magnificent and felt like an epic experience.

The two blockbuster movies *Star Wars: The Force Awakens* and *Jurassic World* were also shot on film. Hopefully, more filmmakers will continue using film for their movies.

There's excitement in certainty

While the resurgence of these analog products and technologies are known to some of us who are old enough to have experienced them the first time around, there's comfort in knowing their qualities as well as their limitations.

The fact that they have been deemed worthy by their manufacturers to be revived for a new generation of users shows that no new technology or device can match the level of quality, ease of use, and predictable results that they offer.

Sure, these products are conceptually old; they are mature technologies that seem outdated. But at the same time, you can say these technologies have long been perfected. And there's a rare excitement in this certainty. 

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Y45



Y823



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THE WAIT IS OVER

2016 Mitsubishi Montero Sport

Words KATRINA RIVERE-DIGA

Mitsubishi's contender in the hotly contested midsize SUV segment has finally landed in the Philippines—and according to the Japanese carmaker, this new generation was “forged from excellence and designed to deliver only the best driving experience.”

First previewed at the Big Motor Sale in Bangkok in August 2015, the much-anticipated all-new Montero Sport is a full redesign of the model, and it comes with the world's first clean diesel engine. Locally, it's available in four variants—GT 4WD 8-Speed AT, GLS 4WD 6-Speed MT, GLS 2WD Premium 8-Speed AT, and the base model GLS 2WD 8-Speed AT—and in seven body colors.





3 A new 2.4-liter diesel engine with Mitsubishi's famed MIVEC variable valve timing system delivers 178hp and 430Nm, paired with a new eight-speed automatic gearbox. This new transmission allows the Montero Sport to deliver 17 percent better fuel economy than its predecessor, while being more Earth-friendly (it's Euro 4-compliant). The GLS 4WD, on the other hand, is the lone variant that's equipped with a new six-speed manual transmission.

The all-new Montero also features an improved Super-Select II 4WD system, which uses electronic controls with an off-road mode and hill descent control.

4 Inside the new Montero Sport are leather seats—except the GLS 2WD, which gets black fabric seats—in a 2-3-2 layout.

5 A black monotone dashboard with silver and woodgrain accents add to the SUV's sportiness while maintaining its upscale vibe. On the center stack is a multimedia entertainment system that aims to make your ride comfortable and never boring. There's a dual zone automatic climate control, a 6.75-inch capacitive touchscreen that doubles as a monitor for the reverse camera, DVD and MP3 player, aux-in and USB ports, smartphone mirroring, and GPS navigation.

6 Because the vehicle's most important cargo is you (and your loved ones), this SUV comes equipped with active and passive safety features, including seven airbags (GLS 4WD MT and GT 4WD AT), Forward Collision Mitigation and Blind Spot Warning systems (GT), Hill Start Assist (GT, GLS 4WD MT, and GLS Premium), and Hill Descent Control (GT).



1 Mitsubishi's new 'Dynamic Shield' front fascia design concept is seen in this SUV, characterized by a fluid front grille and headlamp design, and a large bumper. All variants, save for the base GLS model, are fitted with LED headlights and daytime running lights.

2 Sharp lines, small rear windows, prominent wheel arches, and 18-inch shoes give the SUV a more aggressive and dynamic stance. At the back are tube-type LED combination taillights that go all the way down to the rear bumper.

PRICES

GT 4WD
8-Speed AT
P1,998,000

GLS 4WD
6-Speed MT
P1,785,000

GLS 2WD
Premium
8-Speed AT
P1,685,000

GLS 2WD
8-Speed AT
P1,500,000



2



3



4



1



5

CAREFREE AND YOUNG

You're young and licensed to not have a care in the world. Enjoy it before the burden of adulthood shackles you to stuffy suits and busy schedules.

Give in to the free-spirited way of thinking—and dressing. Swing your fashion pendulum toward stretchy denim and cotton tops. Include the (1)**H&M Tech Stretch Skinny Low Jeans** (P2,290) and a bunch of the (2)**H&M Striped T-shirt** (P499) in your wardrobe.

Spell F-U-N with the (3)**Converse Chuck Taylor All Star Missoni** (P3,990). This pair features angular lines on a printed canvas with woven metallic threading, reimagining Missoni's signature zigzag pattern. The leather tongue and heel tab lets you glide from fashionable to having serious street cred.

Apt for the young and active, the new (4)**LG K10** features a stylish back cover with an intricate woven pattern, providing grip and confidence when you're on the move. Peruse the photos and videos you take with the K10's 13MP rear and 8MP front cameras on its 5.3-inch HD display.

Finally, strap the (5)**Bombardier Bolt-68 BS47CHASS.020.3** (P152,100) to your wrist for some disruptive style accessory.



ROCKER ON THE ROLL

Musicians are just oozing with coolness. It comes with their passion for their craft and the overall style that they channel every time. So, you better get the right gear and wear to build your rock star career.

Refine your guitar-playing and music-writing skills after listening to your creations on the (1)**Fender FXA7 Pro in-ear monitors** (\$499). These headphones provide legendary audio quality with its custom 9.25mm driver with mechanical tuning and porting. Plus, the metallic gold and black colorway is ridiculously edgy.

Pull off the contemporary rock artist look by pairing the (2)**Mango Slim-fit Check Cotton Shirt** (P3,295) and the (3)**Mango Slim-fit 5 Pocket Garment-dyed Trousers** (P2,495).

Off to a gig in the boondocks? You can always be the band's designated driver if you're wearing the (4)**Tod's Gommino Driving Shoes in Nubuck**. Your mates can just enjoy singing along to the music of your pickup's stereo while you're comfortably switching pedals on the front seat.



1



2



4



3





1



3



2



4



5



URBAN WARRIOR

As a true-blue city chap, you are well-versed on the ins and outs of the metropolis. And you never go out to the urban jungle without your must-have survivor pack.

The (1)**Zara Man Lightweight Parka** (P4,995) protects you from the cold and wet weather, while the high-performance (2)**Uniqlo Dry Stretch Sweat Pants** (P1,690) feature DRY technology to keep you feeling smooth, dry, and refreshed inside your clothes.

Now with a Lunarlon sock liner and padded tongue, the (3)**Converse Chuck Taylor All Star II Reflective Print** (P3,990) gives your feet much-needed comfort when you hit the road.

Record your adventures with the (4)**Sony HDR-AS50** (\$200). This new Sony action cam shoots stills at 8MP, captures 4K time lapses and up to 1080p videos, and reduces blur with its SteadyShot technology. The micro-sized sweat-proof (5)**JayBird X2** (P8,990) is always ready to provide audio entertainment while you're on the go.

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www.isuzuphil.com



Dressed to impress **VOLKSWAGEN Tiguan** 2.0 TDI AT Business Edition

The German automaker gets all business like as it dresses up its compact crossover to look more stylish and luxurious.

The Tiguan Business Edition gets 18-inch alloy wheels, Bi-Xenon HID headlamps with washer, LED daytime running lights, automatic headlights, and power folding heated exterior mirrors.

Inside, the Tiguan gets "Vienna" leather seats with 12-way electric power adjustment for the driver, safety-optimized front head restraints, and a new RCD510 touchscreen audio with CD, MP3, USB, and auxiliary inputs.

At the heart of the 2.0-liter TDI-equipped variant is a Euro 4-rated s2.0-liter diesel engine that pumps out 138hp and 320Nm @ 1,750rpm. It also gets Electronic Stabilization Program, hill hold control, and cruise control.

Price: P2,426,000

BLUEARTH BADGE

Yokohama Geolandar
H/T-S G056

If you're looking to give your SUV or truck some new, earth-friendly shoes, these Yokohama tires may just meet your needs.

The Geolandar H/T-S G056 belongs to Yokohama's BluEarth series tires, which promise to be fuel-friendly, quiet, and long-lasting. Compared with its predecessor, the G056 is quieter, and offers 21 percent more tire life and better wet and dry braking distance. The tires are available in 15- to 18-inch sizes. Prices range from P5,120 all the way up to P11,168.



EYES ON THE ROAD

HP f500

In the chaotic jungle that is Metro Manila traffic, it's always nice to have an extra pair of always-alert eyes. This f500 dash cam from HP records your trips, treks, and travels—and, in case you get into a fender bender, the built-in G-force sensor initiates emergency recording mode, marking the file for easy retrieval and replay. This compact Full HD camcorder is equipped with a 140-degree wide-angle lens, f/1.9 aperture, 2.4" color display, and microSD/SDHC card slot.

Words KATRINA RIVERE-DIGA



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AVAILABLE IN ALL
DEALER NETWORKS



www.yamaha-motor.com.ph





Champion of light **LENOVO VIBE S1 Lite**

Triumph against the dark side with the new Lenovo VIBE S1 Lite. Designed to deliver even under low-lit shooting conditions, it can produce quality selfies and groupies thanks to its 8MP front camera equipped with a Sony image sensor, built-in front flash, and 5-piece lens for zero distortion. Giving brute force to this warrior are a 64-bit 1.3GHz octa-core MediaTek 6753 processor, 2GB RAM, a 5-inch Full HD display, a 13MP rear camera, LTE connectivity, a 2700mAh battery, and 16GB built-in memory expandable up to 32GB via microSD.

Price: \$199



Brilliant optics **ASUS ZenFone Zoom (ZX551ML)**

ASUS amps up its mobile photography arsenal with the world's thinnest 3x optical-zoom smartphone, the ASUS ZenFone Zoom. Equipped with a 13MP PixelMaster rear shooter bolstered by a 10-element HOYA lens, this smartphone levels up its low-light shooting capability with an f/2.7-4.8 aperture, 0.3-second AF, and dual-LED Real Tone flash. High-quality optics meets powerful hardware in this ASUS progeny. Under the hood of the ZenFone Zoom is a 2.5GHz quad-core Intel Atom Z3590 processor, 4GB RAM, and up to 128GB internal storage that runs on 3000mAh battery. BoostMaster technology allows this device to charge at high-speed, promising a 60 percent charge in just 39 minutes.

Price: P26,995



SOUND SANCTUARY Bluelounge Kosta

Power up your Apple Watch in style with the Bluelounge Kosta, a specialized coaster that works in tandem with your existing Apple Watch charger. The soft silicone material protects your precious smart timepiece, while a magnetic center holds your Apple Watch in place. The Kosta is available in dark gray, light gray, and lime green.

Price: P795

ALL JUICED UP

Philips Power Potion 3000

This bottle pours juice to your iPhone—battery juice, we mean. Sporting a bottle-shaped design, the 3000mAh Philips Power Potion 3000 stands out from a sea of box-type power banks, with its cap doubling as a Lightning port. Underneath, it hides a USB port for other devices.

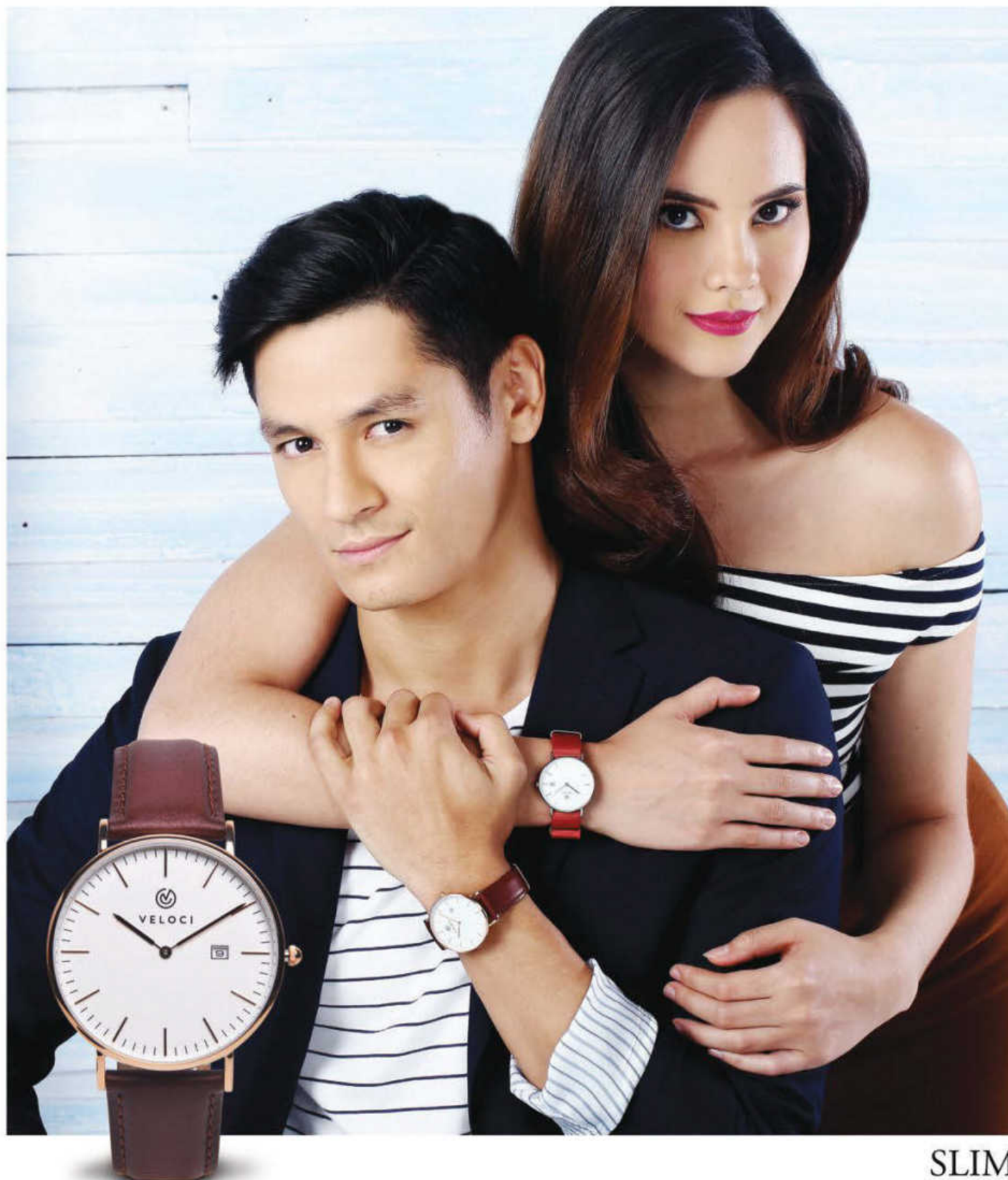


SHOOT LIKE A PRO Zeiss ExoLens

Expand your iPhone photography by equipping your Apple device with the professional-grade Zeiss ExoLens, which comes in three models: wide-angle (165 degrees), telephoto (90mm), and macro. Its aluminum bracket connector also acts as a tripod or stabilizer adapter, and can mount a flash, a microphone, and other accessories.



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Smaller, faster, more affordable **FUJIFILM X70**

A new baby is coming into his own, convincing you to forget MILCs for a second. The fixed-lens X70 is set to win the hearts of those who wish for an easy-carry retro-looking compact camera with Fujifilm's brand of image quality and film simulation modes. What makes this X100 doppelgänger extra special—aside from the 16.3MP APS-C X-Trans CMOS II sensor, prime f/2.8 28mm (35mm equivalent) lens, optional hotshoe EVF, 3-inch tilt-type LCD, and Full HD video recording—is its friendly suggested retail price of P36,990.



Leave it to the new pro **FUJIFILM X-Pro2**

The long wait is finally over. Three years after the well-loved X-Pro1 was released by Fujifilm, the company finally names a successor, the X-Pro2, just in time for the X-Series' fifth anniversary. Check out the improvements: 24.3MP X-Trans CMOS III sensor, X Processor Pro imaging engine, ISO range up to 12,800, shutter speed up to 1/8,000 second, 0.48-inch 2,360K-dot rotating EVF, and 3-inch 1,620K-dot LCD.
Price: P99,999

MicroPro2



Spectra2



Croma2

LED THE WAY

**Manfrotto Spectra2,
MicroPro2, and Croma2**

Manfrotto, known for its professional photography accessories, wants to change how you light your frames with a new set of on-camera LED panels. The Spectra2 (\$219.99), MicroPro2 (\$349.99), and Croma2 (\$418.99) light up your life right from your camera's hot shoe with 650, 940, and 900lux, respectively. These portable LED panels let you control the light intensity, while the Croma2, in particular, allows customization in color temperature.

Words **ARITHA ZEL ZALAMEA**

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Adventure? Precisely! **LEICA X-U (Typ 113)**

Long-time fans of the red dot and those who have matured beyond their action cameras can amp up their underwater photography game with this dust-, shock-, and waterproof companion. Presenting: Leica like you've never seen it before. The X-U (Typ 113) brings technical precision and quality imagery to depths of 15 meters up to one hour. The f/1.7 aperture of the 23mm (35mm equivalent) prime lens and large 16MP APS-C sensor aim to provide you with clear JPEG and RAW photos. Record Full HD footage at 30 frames per second or get as close as 20cm when capturing stills. Preview your composition on the 3-inch TFT LCD and don't forget your storage cards. Price: \$2,950

THE SOVIET RISES

Lomography Jupiter 3+ Art Lens

From the brand that inherited the manufacture of L.O.M.O. and Holga cameras comes another Soviet gem unburied from oblivion: the Jupiter 3 lens.

Now taking the form of the Jupiter 3+ Art Lens, this handcrafted, chrome-plated brass beauty still uses Russian optics and is still being produced at the same factory by the original Zenit brand, which created the Jupiter 3 lens. And you wonder: what's so special about the Jupiter 3+ Art Lens to deserve a second look? Aperture as large as f/1.5, macro focusing up to 0.7m, 50mm focal length, and its L39 mount's compatibility with various mounts, including Leica's M mount via a provided adapter.

Price: \$649



Words ARITHA ZEL ZALAMEA



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Digitized classic

SONY PS-HX500 Turntable

At a time when music is on the crossroads of digital and analog, Sony wants to bridge the gap between two distinct listening experiences with the new PS-HX500 Turntable.

The Sony PS-HX500 Turntable is a music tool that allows you to re-experience your vinyl tracks—this time, in digital high-resolution format playable from almost everywhere.

With this turntable, you can play and convert your precious vinyl tracks and save them on your Walkman for a portable vinyl-sound listening experience. This is made possible by high-quality native conversion from analog to DSD 2.8MHz or 5.6MHz. The device also supports recording and playback of PCM-recorded WAV files.



Hear, feel, thrill

PORSCHE Design 911 GT3 Soundbar

Heart-pumping audio meets the blood-thrilling adrenaline of gearheads in one of Porsche Design's latest signature, the 911 GT3 Soundbar.

Inspired by the rear silencer and twin exhaust of the real 911 GT3 sports car, the 911 GT3 Soundbar is a 2.1 virtual surround system powered by a DTS TruSurround virtual surround signal processing technology and a Dolby Digital decoder,

giving it the ability to play quality sound while running on a 200-watt system.

The 911 GT3 Soundbar also comes with Bluetooth and aptX technology for seamless wireless audio transmission. The bass and treble controls, LED display, LipSync function for voice synchronization, and remote control aim to enhance the user experience.

Price: \$3,160

DJM-900NXS2



CDJ-2000NX2



CALL OF THE CROWD

Pioneer CDJ-2000NX2 and DJM-900NXS2

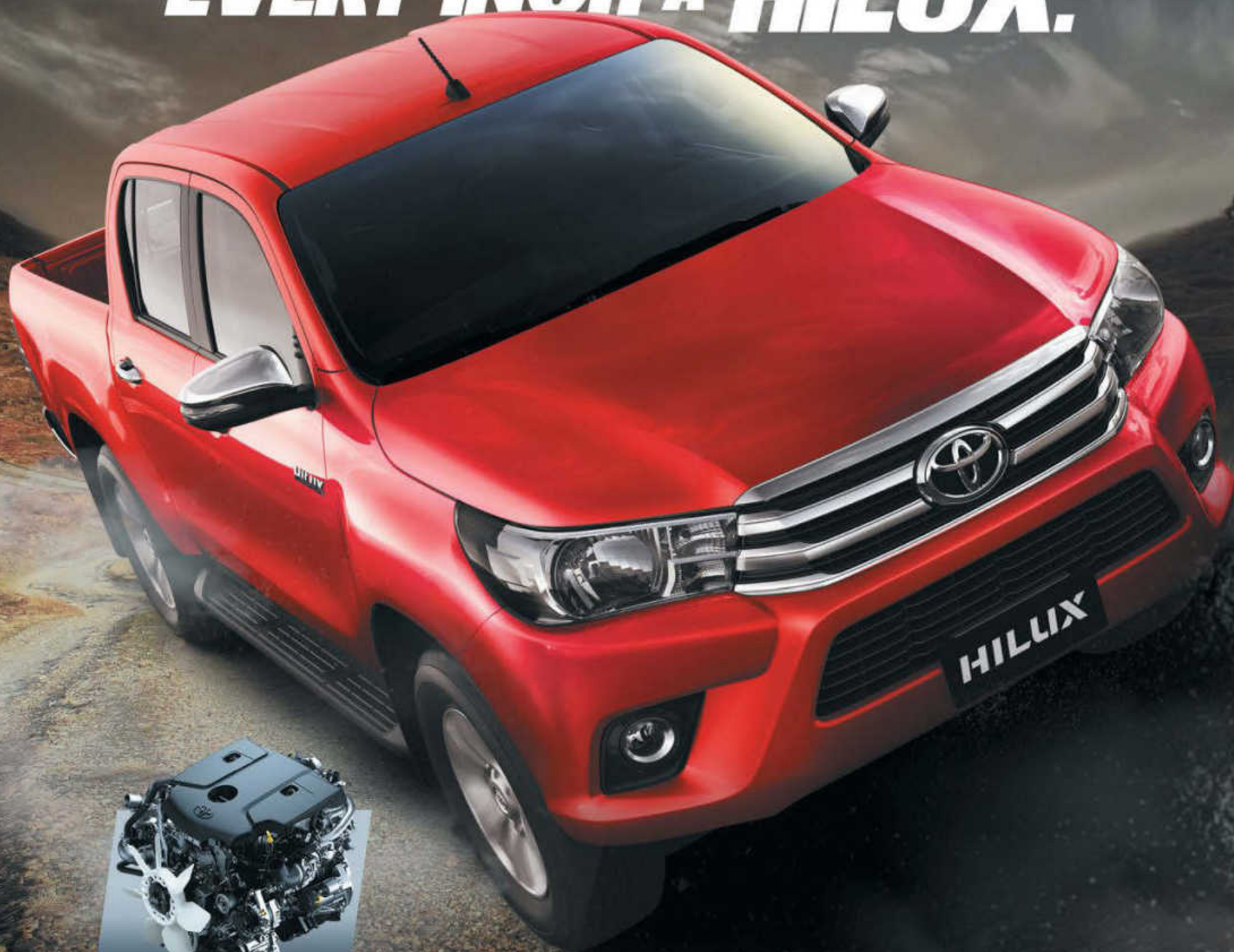
DJs know how to listen to the crowd, and music mover Pioneer is certainly a master in making its followers' hearts skip a beat. Pioneer just released its flagship media player and mixer, the spotlight-grabbing CDJ-2000NX2 and DJM-900NXS2.

The CDJ-2000NX2 rocks a 7-inch touchscreen, allowing you to filter and control your tracks and even type on a QWERTY keyboard. With a 96 kHz/24-bit sound card, a 32-bit DAC, and an improved digital audio out, your music is sure to make the partying crowd go gaga. It also has eight color-coded hot cues, a MIDI input, and finally, support for FLAC and ALAC.

The DJM-900NXS2 joins the fray with an improved 64-bit mixing processor and a 96kHz/24-bit sound card. With a redesigned EQ and three fader curves, DJs are now treated to more precise controls—from the highs, mids, and lows, down to the cuts. Under the hood are an independent Send/Return FX loop, 6 Sound Color FX, 14 Beat FX, and Beat FX for customizing your frequency range.

Price: \$2,199 (each)

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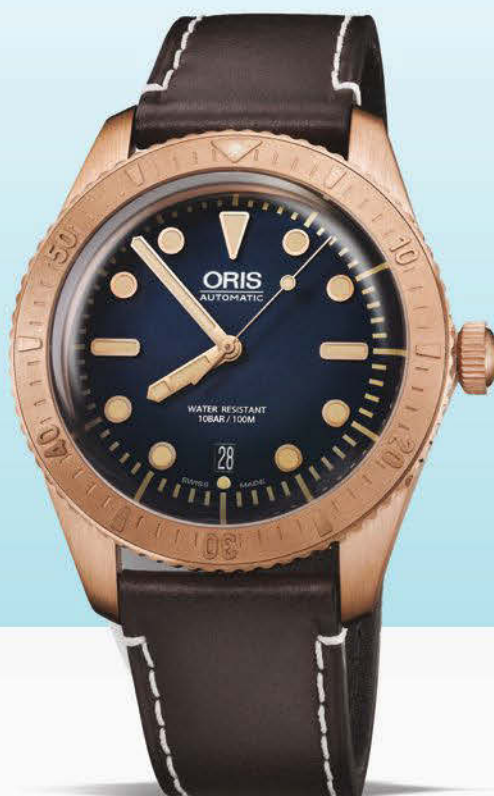
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Fly in time
IWC Pilots' Watch Timezoner Chronograph

IWC makes history with this timepiece, said to be the "first mechanical watch that permits a new time zone to be set with a single rotation." The Pilots' Watch Timezoner Chronograph features 45mm stainless steel case paired with a black calfskin strap, a prominent screw-in crown, 68-hour power reserve, and 6-bar water resistance. It uses the self-winding IWC-manufactured 89760 mechanical chronograph movement.

Price: \$11,900



Hats off
ORIS Carl Brashear Limited Edition

Carl Brashear was the first African-American U.S. Navy master diver, and Oris—a watchmaker that pays special attention to people who actually put their watches' functions to good use—releases a limited edition timepiece to honor his memory. The Oris Carl Brashear Limited Edition uses an Oris Caliber 733 movement. Its bezel and case comes in bronze, while the indices are in rose gold. Only 2,000 pieces of this model are available at \$2,580 each.



So much more
VICTORINOX Night Vision Chrono

When you're raring to meet life's adventures head on, you need a double agent on your side. And that's exactly what the Victorinox Night Vision Chrono wants to be. Aside from adding the Chronograph features within this 42mm scratch- and water-resistant sapphire crystal case, Victorinox includes six light functions all powered by the Ronda 5030.D Swiss quartz chronograph caliber. The Night Vision Chrono is available in four variants: steel with leather bracelet, steel with polished metal bracelet, Black Ice PVD with rubber strap, and Black Ice PVD with Black Ice PVD metal bracelet.

Words **ARITHA ZEL ZALAMEA**



SAFE ZONE
Discommon The Watch Roll

What good is having a new fancy watch if you can't store it neatly and safely? The D30 padding material in Discommon's The Watch Roll protects watches placed securely in its four tweed-lined pockets with goatskin flaps. The whole TPU-backed polyester body is water-resistant for added peace of mind.

Price: \$310



THE NEW
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A GLOBAL SUZUKI SCOOTER

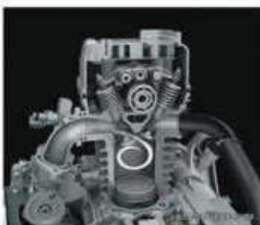
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Signifying the recognition and authorization to DES Marketing to perform business transactions for the Suzuki motorcycle brand, Suzuki Philippines' President Mr. Hiroshi Suzuki turned over the Suzuki 3S Certification to DES Marketing's VP for Marketing Operations, Planning, Development and General Support Engineer Carl Ryan Lim.



Mayor Teresa Alegado of Consolacion, Cebu giving the Business Certificate to DES Marketing Suzuki 3S Shop's officers.



Mrs. Evelyn Du, wife of Dr. Wilson Du, President of DES Marketing, Inc. with Mr. Hiroshi Suzuki, President of Suzuki Philippines, Inc. during the opening of the Suzuki 3S Shop in Consolacion, Cebu.

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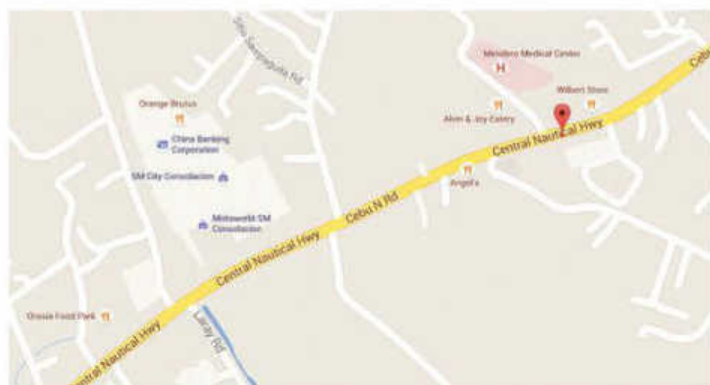
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SPARE PARTS STORE





Standout swagger
NIKE MetCon 2

Training goes hand-in-hand with comfort when you're wearing the new Nike MetCon 2 men's training shoes. Stability and traction is its winning combination because each shoe is equipped with a flat, stable platform, zero-drag heel, Nike's Flywire technology for a snug fit, and abrasion-resistant film to minimize heat friction and injuries. Comfort comes through the dual-density foam midsole and firm rubber outsole.

Price: \$130



DARK AND DAPPER
Misfit Specter

Go up the trail in wireless fashion and let the Misfit Specter handle the rest for you. The Bluetooth speaker not only comes with dual bass drivers, noise isolation, and hearing protection safeguards, but also carries smart functions like activity tagging, distance measurement, calorie and step counter, and sleep duration and quality. The Link app also provides Smart Button functions, including a remote for the Bolt bulb, a music camera, and a Call Yourself feature to help you find your phone.



STREAKER FEVER

Under Armour Streaker Tee

Be comfortable in your own skin while you sport the Under Armour Streaker Tee. Keep cool with its moisture-wicking blend of spun polyester and elastane that conforms with your body. The lightweight shirt is also anti-microbial, and promotes comfort by reducing cling and chafing from the wearer. It also doesn't absorb water while on the field, so keeping yourself lightweight and odor-free is just as easy as putting this shirt on.

Price: \$29.99

Words **JOHN SOSMEÑA**



WHAT'S YOUR STRATEGY?

Garmin tactix Bravo

Fluid functionality is the name of the game with Garmin's tactix Bravo smartwatch. The 1.2-inch high-resolution Garmin Chroma display is protected with a domed sapphire lens, and boasts a dual mode backlight. The stainless steel EXO antenna has diamond-like carbon bezel coatings for abrasion protection and anti-reflectivity. The watch comes with GPS and GLONASS satellite reception, as well as activity profiles that let you set up coordinates together with pre-installed apps like Jumpmaster. The tactix bravo is also water-resistant at 10ATM, and fitted with a 300mAh Li-ion battery that can last up to 50 hours on UltraTrac mode.
Price: \$699.99

Break records UNDER ARMOUR SpeedForm Apollo 2 and SpeedForm Gemini 2

Train like track royalty by sporting the newest line of running shoes from Under Armour. Go for speed in the UA SpeedForm Apollo (P6,995), which is ergonomically designed for sprints with its perforated arch and tongue, ultrasonic seal, and anatomically placed flex grooves. Comfort is also provided by the dual-layer midsole with Charged Cushioning and Micro G. For long distance running, the UA SpeedForm Gemini 2 (P8,395) has a full-length dual-layer Charged Cushioning midsole that offers comfort and impact protection, while the new ArchForm system promotes support, comfort, and breathability.

SpeedForm Gemini 2



SpeedForm Apollo 2

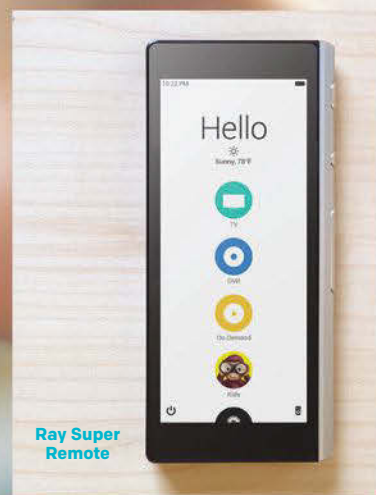
Control your world **SEVENHUGS Smart Remote and RAY Super Remote**

Remember Adam Sandler's hit comedy flick *Click* where he could control anything with the press of a button? Thanks to smart science, this isn't just a joke or a piece of fiction anymore.

With the Smart Remote by Sevenhugs, use a single remote to control your smart devices at home, including the Philips Hue lights, Nest thermostat, Sonos speakers, and just about any connected device.

The Ray Super Remote (\$249) is a similar tool but is more specialized in controlling your multimedia devices such as DVD and BluRay, TVs, media players, Apple TV, and Nintendo Xbox, among others. This touchscreen universal remote control rids you of multiple remote controls at home for a hassle-free entertainment experience.

Sevenhugs Smart Remote



Ray Super Remote

SENSIBLE SHOWERHEAD

Hydrao

We all want to stay in the shower for hours to ponder life's deepest questions and regrets. But in doing so, we forget that we're wasting water.

A new shower wants to transform this old habit.

Hydrao is a showerhead equipped with LED lights that change color according to your water consumption. It shows green at the beginning of your bath, but eventually turns to blue as you approach 10L consumption, orange at the 30L mark, and red once you've reached 50L.

Hydrao can also connect to your smartphone via Bluetooth, enabling it to track your shower logs and water usage.

Price: \$100



OLD FLAMES DIE HARD

Lumir C

A new device wants you to go back to the old tradition of using candles as light source, but with a little more innovation.

The Lumir C lamp uses heat energy from a small candle and applies thermoelectric effect to power its in-house LED bulb. While candles are typically capable of producing up to 15 lumens, the Lumir C can emanate up to 60 lumens.



Words **ANTONIO JOSE GALAURAN**



70

Get your flick on

Netflix vs iflix

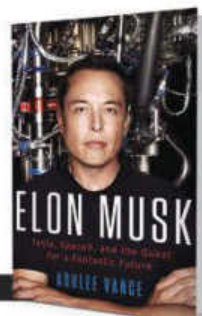
GEEK METER



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76 **ELON MUSK:**
Tesla, SpaceX, and the
Quest for a Fantastic Future



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PRODUCT TEST NO.
1761

Standout styling

NISSAN Juke 1.6 Upper CVT

● Review by KATRINA RIVERE-DIGA

THE NUMBERS

Engine

1.6-liter
4-cylinder engine

Transmission

XTRONIC CVT

Power

114hp @ 5,600rpm

Torque

154Nm @

4,000rpm

Suspension

Front:

independent

MacPherson strut

Rear:

torsion beam axle

Tires

215/55 R17

Brakes

front vented disc,

rear solid disc

Safety

ABS with EBD

and brake

assist; dual front

airbags; anti-

theft system with

immobilizer

Price

P980,000



DIMENSIONS

4,135 x 1,765 x
1,580mm, 1,332kg

To say that the Nissan Juke is a head-turner is to understate a fact. In the week that I drove the Juke to and from work, I've seen not a few people whipping out their phones to take a picture of my Solar Yellow test unit, passengers hanging on the back of jeepneys craning their necks to look at the car behind them, and pedestrians turning their heads as I drive by. Even fellow drivers slowed down to take a glimpse of the subcompact crossover. On my last night with the Juke, I made a drive-thru at McDonald's and the cashier unabashedly asked if she could take a selfie with the car.

"Ma'am, ang ganda naman ng kotse niyo—pwedeng pa-selfie?"

"Hindi sa akin 'to pero sige. 'Wag mo na lang akong isama sa picture, ha?"

I said. But then she remembered she didn't have her phone with her, so she dejectedly let me go.

I can't blame her and all the other onlookers. The Juke looks like no other car on the road, and you'd have to be blind to not give it an appreciative glance or a curious stare. Nissan calls its design language ROBIOTIC, a combination of mechanical (robo) and life (bio) elements. What I see is a quirky car with lots of bulges and curves, muscular lines, boomerang-shaped taillights, and high-mounted angular light clusters that can be mistaken for headlights. The first time I saw the Juke, I found it comical. After a week's worth of driving, I realized that the joke was on me.



The taillights share the DNA of the Nissan 370Z's, and there's a steeply sloping rear window that shaves off some precious trunk space.

The Juke offers three drive modes: Normal, Eco, and Sport. For everyday drives, the Normal setting will suffice, with its light steering and peppy throttle response. When stuck in traffic, you'd do well shifting to Eco mode to save on fuel—but don't expect to lurch forward unless you step hard on the gas. To get the most smiles per mile, however, you should select Sport mode and mash the accelerator. While the Juke is no sports car, you'll definitely have fun driving it on the highway.



The ride is firm, but I found it a bit jittery in front. It's much harsher when you're seated in the back.

Like most crossovers, you sit high in the Juke, which gives you a good view of the road ahead. However, the rear side windows are quite small, so there are blind spots you should be aware of when changing lanes.



It's a divisive design—you either hate it or love it, no in between. I wasn't a fan at first, mainly because of the bizarre-looking front end with the headlights mounted low and the sidelights/indicators high up on the front wings. But the styling eventually grew on me. If you can't handle the attention this car gets, make sure to have your sunglasses handy—or get dark-tinted windows.

The Juke is no gas guzzler, but it's no fuel miser either. On average, I got between 9 and 11kpl.

INTERIOR

1 The front seats have good support and hold you tightly in place. The steering wheel adjusts only for tilt, not for reach, so you'd have to sit closer if you have short limbs. Head- and legroom in front are good.

2 The small rear door and sloping roofline make climbing into and out of the Juke a challenge. Rear seating is adequate for two adults, but you can probably squeeze in another person, preferably a scrawny kid or a tiny toddler.

3 Just like the exterior design, the Juke's motorcycle-inspired interior is wacky. There's a round theme going on, and you'll find a glossy,

plasticky painted center console that runs between the driver and front passenger. I love Nissan's Integrated Control (I-CON) System, which switches between drive and climate modes with a single touch. The controls are clearly labeled and simple to use, and everything is laid out within reach of the driver.

SPEED SAYS

The Nissan Juke is an ideal daily driver with the right amount of bells and whistles (push-start, rear parking camera, cruise control, among others) for its price. It's fun and funky, and is a car that people who want to stand out should consider.

GEEK METER



PRODUCT TEST NO.
1762

Worthy contender

KIA Forte5

● Review by **KATRINA RIVERE-DIGA**

THE NUMBERS

Engine

2.0-liter Nu
16-valve
4-cylinder

Transmission

6-speed
automatic with
Shifttronic

Power

159hp @ 6,500rpm

Torque

194Nm @

4,800rpm

Suspension

Front:

MacPherson strut

with coil springs

Rear: coupled

torsion beam axle

Tires

215/45 R17

Brakes

ventilated disc

front, solid disc

rear

Safety

ABS; Electronic

Stability Control

with Hill Start

Assist and

Vehicle Stability

Management;

dual SRS airbags;

keyless entry with

alarm

Price

P1,190,000



DIMENSIONS
4,350 x 1,780 x
1,460mm

Ever since its local launch back in June 2015, I have seen probably no more than two Kia Fortes—whether sedan, coupe, or hatchback—on the road. It's sad, really, because after a week with the Forte5, I can say that this is one underrated car that should see its share of road time.

The Forte5 looks fast and sporty with its hatchback profile, low stance, five-spoke 17-inch alloy wheels, and aggressive front fascia courtesy of the Tiger Nose grille. The sweptback headlights and rear LED combination lamps add to the Forte5's appeal.

The steering wheel comes with three driver-selectable modes. I found the Comfort mode, uh, comfortable, but way too light. Sport mode, on the other hand, was way too heavy for me. For everyday driving, I'd recommend going for the Normal mode.

In (heavy) traffic and the occasional spirited driving, I got an average of 6.7 kilometers per liter. If traffic and my foot were lighter, I could probably get around 8 or 9kpL.

This car makes you feel welcome when it senses that you and the smart key are nearby. The side mirrors swing to their normal position and an array of exterior and interior ambient lights light up. It's a tiny detail, but a nice touch nevertheless.

The 2.0-liter gasoline engine tops out at 159hp and 194Nm, and you'll definitely feel it when you step hard on the gas—the car shoots forward and you feel the raging power of the powerplant under your foot. The good news is that even when this happens, you'll still feel fully in control. Maneuverability and handling are also great. The ride, however, tends to be a bit jarring.

SPEED SAYS

The Kia Forte5 is a Euro-looking hatchback that offers a nice balance between comfort and agility, a roomy cabin and cargo space, user-friendly infotainment system, and lots of power. Why can't I find them on the roads?

GEEK METER



INTERIOR

1 The Forte5 may look small from the outside, but it's surprisingly spacious inside. You can sit five adults comfortably, and the rear seats have ample legroom.

2 The front bucket-type leather perches are comfortable. The rear seats split-fold 60:40 so you can load

more cargo in the already large-enough compartment.

3 The center stack/infotainment system is functional and there's no steep learning curve to be able to get the buttons and knobs right.



PRODUCT TEST NO.
1763

THE NUMBERS

Engine

2.2-liter
turbocharged I4

Transmission

7G-DCT
automatic
transmission

Power

168hp @ 3,400–
4,000rpm

Torque

350Nm @ 1,400–
3,400rpm

Suspension

Front:
spring strut and
control arm

Rear:
control arm and
trailing arm

Tires

215/60 R17

Price

P3,480,000

**DIMENSIONS**

4,417 x 1,804 x
1,494mm, 1,535kg

Beautiful Bavarian hatch-on-stilts

MERCEDES-BENZ GLA 220

● Review by KATRINA RIVIERE-DIGA

"That's an SUV?" I asked no one in particular when I first saw the GLA 220 in the Mercedes-Benz showroom in Greenhills. It looked more like a tallish hatchback to me—a nice-looking one at that. I later found out that it's because the GLA is based on Mercedes' A-Class hatch, but with a larger and taller body, and a softer suspension. So, while the GLA may not look like a proper SUV or a crossover, it does manage to look extremely aggressive and muscular in a very good way.

The 220 CDI diesel offers good power and torque and manages a decent 8 to 10kpl in stop-and-go (mostly stop) traffic. You won't win any stoplight races with this car, but it's no slouch either. The engine holds its own once your foot is on the pedal. It must be mentioned that the engine clatters when you start the car and remains noisy at low speeds or when idling. Once you hit the road fast, however, all the rattling is silenced.



This car looks good from any angle, with its sharp crease lines, coupé-like profile, and beefed-up hatchback styling. The large Mercedes star on the two-bar grille, the sweptback headlights, and the large tail lamps give the GLA attitude that could appeal to first-time luxury car buyers looking for a stylish crossover.

It's easy to drive the GLA, whether on the highway or in city traffic, thanks to its light steering and pedals. The soft suspension allows the compact SUV to deal with potholes without affecting the handling of the car.

SPEED SAYS

The Mercedes-Benz GLA 220 is smartly styled inside and out, and is easy to drive. It's not cheap, but if you're looking for a crossover with an attitude (and that distinct three-pointed star), then put the GLA on your short list. If you crave more power and have deep pockets, opt for the GLA 45 AMG 4MATIC.

GEEK METER



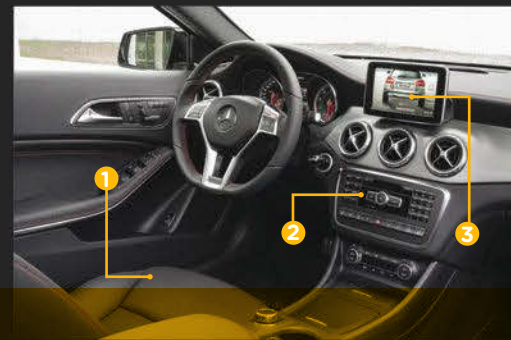
1 The power-adjustable front seats (with memory) are comfortable and well-bolstered, and hold you firmly when you're turning sharp corners. There's plenty of space in front and the driving position is good, but head- and legroom are limited in the back.

2 The GLA is equipped with good-quality Harman Kardon Logic 7 surround sound system, which can be operated by steering-wheel mounted controls as well as dashboard

controls and a dial on the center console. It can be a little fiddly to use at first, so be patient.

3 Parking is relatively easy thanks to the raised driving position and decent visibility in front. However, backing up or parking in reverse can be quite a challenge with the limited visibility at the back and the lack of a rearview camera.

INTERIOR



PRODUCT TEST NO.
1764

Note the peripherals

HP Envy 8 Note Tablet 5003

● Review by GADJO CARDENAS SEVILLA

THE NUMBERS

Display

8-inch 16:10
Full HD

OS

Windows 10 Home

CPU

1.44GHz (up to 1.84GHz) quad-core Intel Atom x5-Z8300, Intel HD Graphics

Memory

32GB internal storage, microSD, 2GB RAM

Camera

5MP rear, 2MP front

Connectivity

LTE, Wi-Fi, Bluetooth 4.0

Price

\$429.99



DIMENSIONS
242 x 179 x 7mm, 517g

The 8-inch Windows 10 tablet market has been a little thin since there haven't been too many exciting announcements following the "Windows 10 on every device size" release last year. But HP's Envy 8 Note is one machine that bucked the trend. Not only does it offer a robust tablet that is great for content consumption, it is also bundled with great note-taking stylus capabilities and an accessory keyboard that gives the Envy 8 a legitimate place as a sort of Surface mini 2-in-1 device.

HP designed the Envy 8 Note for taking down notes, hence the name. The device has a great suite of apps for inking, scribbling, as well as editing, cutting, and pasting documents. It's a pretty good drawing tool, and I would say it is as accurate as any of Microsoft's Surface tablets.

In terms of specs, the Envy 8 Note has a middling Intel Atom processor that does a decent job of running Windows 10 Home (64-bit). The device ships with a free copy of Microsoft Office Mobile, which suits my needs just fine—at least, for getting drafts written. The 2GB RAM feels stingy and could be the reason for some hanging and wake-from-sleep issues I've experienced.

SPEED SAYS

While not for everyone, the HP Envy 8 Note satisfies the needs of note-takers and people who want a tiny yet capable tablet that can handle many tasks expected of notebooks. Windows 10 in a tablet of this size is less than ideal unless you're constantly in tablet mode. I wouldn't install any classic Win32 applications on this device, although it could probably run them just fine.

GEEK METER



The display is very good, and works well for watching videos, reading books on the Amazon Kindle app, and getting sucked into Twitter and Facebook. Three microphones make taking Skype calls a possibility. However, the rear and front cameras are not great. The new Bang & Olufsen built-in speaker is just okay and doesn't at all sound any better than speakers on any other tablet.

I'm constantly in the market for a traveling subportable that I can use to write, stay informed, and be entertained. That's why I jumped on the Envy 8 Note and bought the last model available on an online website. Here's a portable 8-inch tablet that can be docked onto a 10-inch QWERTY keyboard and accepts pen input from a WACOM stylus.

What makes the HP Envy 8 Note shine is the folio keyboard and trackpad, which is made of metal and feels as good as many of HP's higher-end notebook keyboards. Despite it using Bluetooth, there's very little lag. It is also great to have various short-cut keys right on the keyboard for volume, brightness, and music playback. When not in use, the keyboard has a receptacle for the tablet to slip right in which makes it easy to transport. I only wish the keyboard was backlit for use in dark environments.

PRODUCT TEST NO.
1765

When a product stands out

THE NUMBERS

Display

5-inch Full HD
1080p, Corning
Gorilla Glass

OS

Android 6.0 with
HTC Sense

CPU

4 x 1.5GHz +
4 x 1.2GHz
Qualcomm
Snapdragon 617

Memory

32GB internal
storage, microSD,
3GB RAM

Camera

13MP rear, HTC
UltraPixel front

Connectivity

Wi-Fi, Bluetooth
4.1, microUSB 2.0,

Price

\$499



DIMENSIONS
145.75 x 70.8 x
7.26mm, 143g

HTC One A9

● Review by **GADJO CARDENAS SEVILLA**

HTC is one of the most underappreciated smartphone makers. They've consistently released powerful and high-quality flagships under their HTC One M line as well as more affordable entry-level handsets under their Desire marquee. Despite this, the company has floundered. Sometime last year, the value of their stock was abysmal—definitely not the best time for HTC. The company needed a big win.

HTC has taken inspiration from the most popular handset in the market right now, Apple's iPhone 6s, and basically created an Android device that looks, feels, and has the same slim and svelte vibe as Apple's popular flagship but is geared toward the midrange.

Just take one look at the HTC One A9 and there's no denying that it emulates the look and feel of the iPhone 6 and iPhone 6s. HTC even provides a range of colors such as black, silver, and gold, which match the Apple colors.

The A9's specs—octa-core processor, 3GB RAM, and expandable storage—are more than enough horsepower and memory for casual users.

The 13-megapixel rear-facing camera is an improvement over some of the past UltraPixel cameras that shipped in earlier HTC phones. The useful set of controls and tools are available as well. You can shoot files in RAW format, which is great for intrepid photographers who want to grab larger files to edit later on. This is really a feature most smartphones should have by now, so kudos to HTC for making it a standard feature.

SPEED SAYS

The HTC One A9 may seem like a last-ditch effort from a company that's struggling to survive in the increasingly competitive and tempestuous smartphone space, but that doesn't diminish its achievement as an attractive, unified, and competent handset that has more than a whiff of iPhone in it.

GEEK METER



Industrial design is where the similarities stop. The HTC One A9 runs Android 6.0 with HTC Sense. The amount of HTC bloatware here is kept to a minimum. I find the device quick, responsive, and fun to use.

Compared with the HTC One M9, the A9 is definitely sleeker, thinner, and lighter. And it might appeal to more fashion-conscious users, which could help HTC's cause in selling more of these devices.



PRODUCT TEST NO.
1766

THE NUMBERS

OS support

iOS 9+, Android 4.4+, Windows 7 and 10.8 or later, Mac OS X

Lens

f/2.5 0.88mm 8-element glass ultra-fisheye

Memory

32GB internal storage

Video

1504 x 1504 @ 30fps

Connectivity

Wi-Fi, Bluetooth, USB 2.0

Price

\$399.99

**DIMENSIONS**
61mm, 138g**SPEED SAYS**

Specs on the 360Fly include the world's widest single-lens field of view and a 32GB internal memory good for two hours' worth of 360-degree footage. The camera is water-, dust-, and shock-resistant, and has an accelerometer for camera orientation. Anyone wanting to dabble in 360-degree video creation now has a viable and somewhat affordable option that can go anywhere and withstand extreme conditions.

GEEK METER

Height of 360-degree action

360FLY

● Review by GADJO CARDENAS SEVILLA

Virtual reality and 360-degree HD video are hot topics today. We have everyone from movie studios to game companies pushing immersive content that can be viewed via VR headsets or Google Cardboard kits using smartphones. And there's a clear indicator that more of these are coming.

Creating 360-degree video is considered an expensive proposition. You can look at GoPro's 360-degree array, which cobbles together 16 GoPro cameras arranged in a circle, which all capture the same video in eye-popping detail and, together with software, can create a 360° video. But the cost of getting this specific GoPro tool is astronomical. A more affordable option is the 360Fly action camera.



I tested the 360Fly with my iPhone 6s and was quite impressed by the sound and scope of the video. Details and colors weren't that great, but I realized that for its size and functionality, the 360Fly can be used in specific conditions—like rock concerts where you can get the band on stage as well as the fans simultaneously—to yield impressive 360-degree HD video.

The 360Fly is managed wholly on an iPhone or Android App. You can control its operation, transfer footage to your mobile device, and capture various videos, and 360-degree wraparound photos or stills.

What I like about the 360Fly camera is how open it is to using existing mounts and accessories via adapters, unlike other action camera manufacturers who force their own accessories in order to make their devices really work.

Just as tough and waterproof as a GoPro, this golf ball-shaped device captures 360-degree video using just one camera with only one lens. The convenience of the 360Fly is that it can use existing GoPro mounts and can be used in various extreme conditions as an action camera.

PRODUCT TEST NO.
1767

THE NUMBERS

Drivers

2 x 50mm
miniature Uni-Q,
1 x Auxiliary bass
radiator

Connectivity

Bluetooth 4.0,
3.5mm AUX,
microUSB
(charging)

Power

2A, 5V DC

Dimensions

80 x 210 x 60mm,
0.8kg

Price

P14,000

Mini Muon

KEF Muo

● Review by PAT CALICA

The KEF Muo high-definition Bluetooth speaker takes design cues from its pricey, taller-than-average-human brother, the Muon. But aside from taking Muon's hourglass shape as inspiration for the Muo's speaker grille, the two bear zero similarities.

The Muo is portable in that you can easily move it from one place to another. But it's not something you slip into your bag and bring all the time. The speaker's wedge shape allows it to rest horizontally on tabletops or be stood up vertically on the rubberized end.

One of the main features of the Muo is Bluetooth 4.0 with aptX



technology, which has a range of up to 10 meters, connects up to two devices at a time, and remembers up to eight connected devices. Pairing with the speaker is a swift operation. There's also an option

of pairing with two KEF Muo units, but this is something I have not tried. You can opt to connect via a 3.5mm cable, too (not included in the box).

The Muo delivers quality audio beautifully. I can go from Broadway musicals and EDMs to bare acoustics, and enjoy every bit of texture and rhythm. At top volume, the Muo can get really loud and power up a whole room. The Muo lasts a whole night of non-stop playing in moderate volume. However, beach picnics and pool parties are a no go as the Muo isn't water-resistant.

SPEED SAYS

The KEF Muo justifies its expensive price tag with its easy-to-operate controls and top quality audio. Have I mentioned that it's good-looking, too? If you are looking for a hint of high-fidelity sound in a semi-portable speaker, give the Muo a listen.

GEEK METER



PRODUCT TEST NO.
1768

THE NUMBERS

Type

Wired on-ear

Impedance

32ohms

Frequency

20-20,000Hz

Connectivity

3.5mm jack

Cable length

1.2m

Weight

131g (without
cable)

Price

P3,590

Hands up in the Ay-yer

BEYERDYNAMIC DTX 350 m

● Review by PAT CALICA

Beyerdynamic may be known for its high-end monitor headphones, but if you must know, the German brand offers affordable, impressive-sounding headphones, too. One of Beyerdynamic's latest audio offerings, the DTX 350 m, landed on the Speed HQ and I fell in love at first sight.

The DTX 350 m looks unassuming. Its classic color and design isn't too attention-grabbing when worn outdoors, but chic enough to turn into a style accessory.

If you're always out and about, you'd appreciate the DTX 350 m's light weight and foldable headband (and the carrying pouch included in the box). Though plastic in build, these stereo headphones feel solid to use. The DTX 350 m stays in place, thanks to the tight folding joints and good latches on the adjustable headband. Wearing the headphones all day is no problem, too, because it features big and plush leatherette ear pads.

Hands down (or up, depending on the music playing) to the DTX 350 m when it comes to sound quality. It can handle a strong bass and is great for listening to the latest pop hits or good old rock music. There's no need to set the volume to maximum to really hear and enjoy the audio. The closed design effectively reduces ambient noise, too.

The only (small) hiccup with the DTX 350 m is that it only has a one-button remote control. This is okay for simply answering calls and/or controlling playback. But to set the volume, you need to whip out your device and adjust from your music player.

SPEED SAYS

You'll have your hands in the air in no time when listening on the Beyerdynamic DTX 350 m. The headphones are lightweight and comfortable, and produce great sound for the price tag.

GEEK METER



SUZUKI REVAMPS MARIEL SUZUKI 3S SHOP IN QUEZON



SUZUKI PHILIPPINES HAS RECENTLY OPENED ITS REFURBISHED 3S (SALES, SPARE PARTS, AND SERVICE) SHOP IN GUMACA, QUEZON, AS A TESTAMENT TO ITS CONTINUED SUPPORT FOR RIDERS AND ENTHUSIASTS IN THE REGION.

The newly renovated 3S Shop is designed to reflect the Suzuki Way of Life. The main showroom incorporates an open space for visitors to scout Suzuki bikes. Guests and visitors can also watch bike and service repairs divided only by glass partitions. The store is accentuated in colors white, black, silver, and blue, to exude elegance and quality engineering.

Inside the shop, customers are treated to the latest lineup of Suzuki motorcycles, and friendly sales personnel ready to attend to customers' needs. The repair shop, meanwhile, offers modernized facilities, genuine spare parts, quality sales support, and professional mechanics.



Suzuki Philippines' President Mr. Hiroshi Suzuki, Mariel Machineries President Mr. Alfred Castillo Sr., and Gumaca Mayor Mr. Erwin Caralian leading the ribbon cutting ceremonies.



The service bay where customers can observe the servicing through a glass partition.



The shop is complete with Suzuki Genuine Parts.



Team Suzuki Mariel 3S Shop welcomes customers to their newly renovated store.

A Suzuki 3S Shop Certification is presented by Suzuki Philippines President Mr. Hiroshi Suzuki, Managing Director Mr. Norminio Mojica, and Assistant National Sales Manager for Motorcycle Division Mr. Mitsunori Shiraishi to Mariel Machineries President Mr. Alfred Castillo Sr., and wife and Assistant General Manager Mrs. Lorena Castillo.



The 150sqm shop built in 2006 is the first Suzuki 3S Shop in Quezon. Since then, it has continuously supplied the people of Gumaca with quality Suzuki motorcycles and after sales service.

Offering a treat to every visitor, the shop now showcases Suzuki's latest bikes, including the recently launched Triple Threat: the performance-ready Address, the Gixxer sports bike, and the AX4 business and utility bike.

Not to be left behind are Suzuki's cool and sporty Smash 115, Shooter 115 Fi, and Underbone King, the Raider J115. Also seen at the showroom are the eye-stunner and powerful Skydrive 125 and the backbone unit GD110.

Run by Mariel Machineries, Inc., this 3S Shop has proven to be a game changer in Suzuki's expansion in Southern Luzon, which includes the Bondoc Peninsula and Camarines Sur.

Team Suzuki and Mariel kicked off the opening of the revamped store by offering several promos and activities for first visitors. Discounts on cash purchases, low monthly amortization and interest rates, and gifts upon purchase met early buyers. Suzuki also offered free services for Suzuki riders, including change oil, tune-up, and oil filter, and the chance to ride the Suzuki Address for free.

One of the first customers of Mariel Suzuki 3S Shop takes home his brand new Suzuki bike during the opening.



A grand motorcade of no less than 30 Suzuki riders warmed up the event that lasted until late in the evening. A dance contest and a search for the Suzuki Biker Babe capped off the event, alongside fun-filled games and more.

Gracing the event were Suzuki Philippines, Inc. President Hiroshi Suzuki, Managing Director Norminio Mojica, and Assistant National Sales Manager for Motorcycle Sales Mitsunori Shiraishi, as well as Mariel Machineries, Inc. President Alfred Castillo Sr. with wife Lorena Castillo, Operational Manager Alfredo Castillo Jr., Legal and Admin Manager Alfredo Mariano Castillo, IT Head Alvin Castillo, and Audit Department Head Alona Oliveros.

Also present at the event were Gumaca Mayor Erwin Caralian and Brgy. Chairman Elsie Caralian. The event was also attended by Suzuki riders in Gumaca and nearby towns, business partners, and members of the media.





SKYDRIVE 125

**RUSH TO YOUR NEAREST
SUZUKI DEALER
TO GET THESE EXCITING ITEMS!**

#SuzukiRegaloPaMore!

FREE!

SUZUKI FULL FACE HELMET
with every purchase of Skydrive 125



Promo Period: January 1 – March 31, 2016 • Per DTI IV-A
Permit No. 12-491 series of 2015.



SUZUKI **Fi** FUEL INJECTION



RAIDER J 115 Fi

RUSH TO YOUR NEAREST SUZUKI DEALER TO GET THESE EXCITING ITEMS!

#SuzukiRegaloPaMore!

FREE! SUZUKI HELMET &
SUZUKI BACKPACK
with every purchase of Raider J 115 Fi



Helmet also comes in MotoGP Blue color.
Bag also comes in Blue color. Stocks subject to availability.

Promo Period: January 1 – March 31, 2016 • Per DTI IV-A
Permit No. 12-491 series of 2015.





Suzuki Marks Half a Decade Partnership with SM Supermalls this 2016



Watch Out for a Bigger and More Exciting SM Mall Invasion this Year!

Thank you for more than **15,000 visits** in **50 SM Mall Branches** last year! Suzuki Mall Display also had simultaneous Test Ride Activity at the mall's parking lot and **over 8000 visitors** did test rides of the new Suzuki bikes.





SUPERMALLS

Shop at SM and get a chance to win a brand new Suzuki Address

Suzuki and SM Supermalls are giving away 96 brand new Suzuki Address during **the SM 3-Day Sale** in 48 participating branches nationwide

Batch 1 - Jan 29-31

SM Rosario
SM Sucat

Batch 2 - Feb 19-21

SM Olongapo
SM Baliwag
SM Sta. Mesa
SM Pasig
SM Masinag
SM Molino
SM Calamba

Batch 3 - March 4-6

SM Pampanga
SM Fairview
SM Bacolod
SM BF
SM Taytay
SM Manila

Batch 4 - March 18-20

SM Marikina
SM General Santos
SM Dasma
SM Muntinlupa
SM San Pablo
SM Cebu
SM Iloilo
SM Tarlac
SM Marilao

Batch 5 - April 15-17

SM Rosales
SM Clark
SM Valenzuela
SM Lipa
SM Lucena
SM Cauyan
SM Cagayan de Oro
SM Bicutan

SM Angono
SM Cabanatuan
SM San Mateo

Batch 6 - April 29-31

SM Naga
SM Davao
SM Sta. Rosa
SM Baguio
SM Las Piñas
SM Batangas
SM Sangandaan

Batch 7 - May 13-15

SM Megacentor
Cabanatuan
SM San Fernando
SM Bacoor
SM San Lazaro
SM Novaliches
SM Consolacion



It is a bigger and more exciting year for Suzuki and SM Supermalls as the two big names partner once again to provide rewards to the Filipino people. Do your shopping at participating SM branches during their 3-Day Sale for a chance to win one of the 2 brand new Suzuki Address to be raffled off per mall! This charming, global and powerful Suzuki scooter will also be on display with our Address lady for you to see on the dates of the sale activity. Brace for a grander Suzuki Mall Invasion this year with lots of promotions and surprises – see and feel the line-up of Suzuki motorcycles, have exclusive deals from our partner dealers, experience free test ride of Suzuki motorcycles and take home freebies and giveaways!

**This 2016 come and join the fun!
Plus! Meet the Suzuki Ladies!**



GET YOUR FLICK ON

Netflix vs iflix

● Review by ARITHA ZEL ZALAMEA

Cutting the cord means freeing yourself from cable TV. It seems like a scary thought, but the concept has become popular in first-world countries, most notably, in the U.S. Now, it has reached our shores—at first through questionable internet TV providers with very limited services. But with Netflix entering the Philippines, it gives legitimacy to this new industry, and forces everybody to take the competition more seriously. Here we look at how the streaming giant fares against the Southeast Asia-born internet TV service provider iflix.

CONTENT

In the Philippines, some sources claim that iflix offers about 30,000 hours of content, while Netflix brings with it 3,000 hours. But that only matters if the shows appeal to your taste.

Mr. Robot, The Flash, Fargo, The American Horror Story, Gotham, Family Guy, Modern Family, Mad Men, and Supernatural are available on iflix, but not on Netflix. So are classic favorites such as *F.R.I.E.N.D.S.*, *How I Met Your Mother*, and *Lost*. iflix also offers old movies that you can't access on Netflix, including the whole *Ocean's* trilogy.

Netflix has its original shows, of course, including *Master of None*, *Jessica Jones*, *Daredevil*, *Chef's Table*, *Narcos*, *Better Call Saul*, *Making a Murderer*, *Bojack the Horseman*, and *Orange is the New Black*, but sadly, no *House of Cards*. In fact, according to finder.com, Netflix Philippines has only 174 out of 1157 shows and 507 out of 4593 movies that Netflix offers in the U.S. This is partly due to copyright issues outside of the U.S., which is also the reason for older seasons of TV shows—but not the more current episodes—to be available on these streaming services. In short: if you don't use any VPNs or unlocator tricks, you won't get many of the shows that Netflix is known for.

USER-FRIENDLINESS

Both iflix and Netflix are available on iOS, Android, and computer browsers, among others, making

them accessible virtually everywhere. You can stream videos on your mobile device, smart TV, non-smart TV via something like Google Chromecast or Apple TV, and on your Mac or Windows desktop or laptop. The UI may vary depending on the platform or device you're accessing these services from.

iflix wins with its Download & Watch Offline feature, which allows you to "download" a movie or an episode to your device so that you can watch it at a later time even when you're not connected to the internet. I use quotation marks because you don't really get a video file on your device. You need to watch from inside iflix itself.

You can "download" up to 10 shows (movies or episodes) per device. These shows will be available to you offline up to seven days only. After watching a show, it will remain saved up to 48 hours before it disappears from your Watch & Download Offline list.

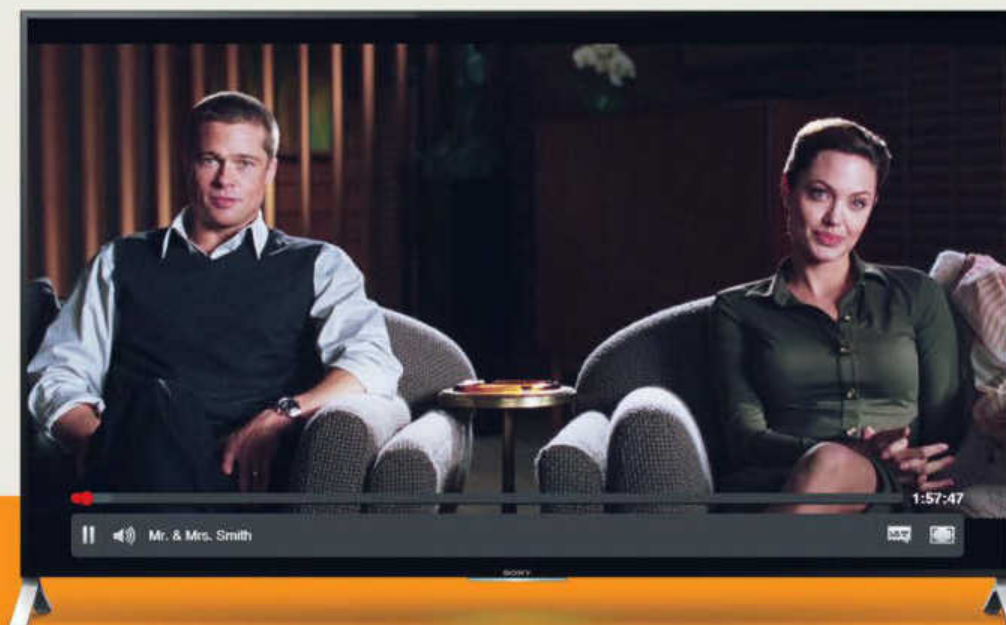
Netflix doesn't provide this feature, which may be a huge deficit for us given how lousy the internet speed is in the Philippines. And if you're traveling, getting access to the internet might be a problem.

Netflix, however, has a more robust playlist in that it really functions like a playlist, where shows in line play one after another automatically. In iflix, you get a playlist but all it does is bookmark the shows that you want to watch and not stream your whole playlist continuously. You need to prompt to play each episode.

Also, I appreciate seeing a shadow on Netflix's progress bar, which indicates the amount of content that has been loaded, just like when watching on YouTube. iflix doesn't have this shadow that assures the mind that your content loads faster than your watching.

You can also manage multiple profiles in one Netflix account, which makes sharing one account among family or roommates more convenient.

Both iflix and Netflix offer password-protected parental controls and a Kids category for all kid-friendly shows.





SPEED & QUALITY

I use iflix and Netflix on mobile data, a 5Mbps Wi-Fi connection, and an Ethernet connection with more than 10Mbps speed. Here are the results.

As expected, streaming on mobile data proves problematic, especially when you're on the move. iflix works but sometimes buffers, which could test your patience depending on how strong your signal is in the area. This buffering doesn't happen in Netflix. But where iflix loads fine, Netflix streams in what seems to be lower than low resolution.

On both the 5Mbps and 10Mbps connection speeds, iflix and Netflix stream smoothly. At first, both platforms would stream videos in low-resolution, so pixelation is normal. But that's only during the first few seconds and then everything becomes sharper.

iflix only has one fixed plan and is not yet available on HD, so talking about resolution choices is irrelevant. On Netflix, Standard Definition is satisfactory even on a 40-inch TV. Besides, not all shows are available on UHD and, again, Philippine internet speeds may have difficulty streaming that all the time.

RATES

You can try both services for free for one month, which is a good way to determine whether online streaming is for you and whether the content of each provider is something that meets your preferences.

An iflix subscription is fixed at P129 per month. This gives up to five of your devices, two of which can stream simultaneously, access to unlimited shows in the iflix lineup.

Netflix, on the other hand, can be available on up to six devices. Monthly subscriptions come in three tiers. For P370 per month, one screen gets access to unlimited shows in SD or standard definition. For P460 per month, two screens get simultaneous access to HD shows. The highest tier gives up to four screens simultaneous access to Ultra HD shows for P550 per month.

SPEED Says

Part of making a choice between iflix and Netflix depends on your viewing preferences. Both

offer exclusive content that you may or may not be able to get your hands on outside these streaming services. Right from signup, iflix offers more shows, and the Download & Watch Offline feature is very convenient and apt for Philippine internet speeds. Then again, the streaming on iflix buffers more than on Netflix. To date, iflix seems like the streaming service that offers more value for the money, so that makes it win this round. Keep in mind, however, the bigger promise of Netflix as a service and content provider if and when it does get more third-party and original shows available in the Philippines.

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Play it to the beat

SUPERBEAT XONiC

● Review by ERIK PAOLO ESCUETA



VITAL STATS

Platform
PlayStation Vita
Developer
Nurijoy
Publisher
Sony Computer
Entertainment,
PM Studios, Arc
System Works
No. of Players
1 Player
Official Site
[http://
superbeatxonic.
com](http://superbeatxonic.com)

PlayStation
VITA
REVIEWED

Superbeat XONiC, essentially the spiritual successor to the original DJMax music game series made popular on the PlayStation Portable, retains the same challenging learning curve and probably sets the bar even higher in that respect. It does this while incorporating flexible gameplay mechanics that make use of either touch or button controls and a new slate of songs from previous DJMax musical contributors, which offer an interesting proposition for new and old fans alike. But are these enough to establish Superbeat XONiC as the new frontman for the genre?

GET INTO THE BEAT

One thing's for sure: this game is all about putting yourself into the music. From the title screen to the in-game menus, the game makes full use of its soundtrack and visual cues to promote a club atmosphere that's both active and entertaining. Seriously, don't be surprised if you find yourself tapping your feet or bobbing your head to this game even if you haven't started playing a song yet.

Speaking of playing, the introductory tutorial wastes no time teaching you the ropes, starting with how to hit each note type on the gear

lane layout by following the different beats in a song.

The controls are really easy to get to grips with, offering the use of either touch, button, and analog inputs together or separately to hit any of the note types (with the exception of one type, the FX note, which makes use of the shoulder buttons—but more on this later).

This seamless merge of otherwise two disparate control schemes makes the game highly accessible (especially for new players of the genre) as they both offset any of their respective pros or cons. When using touch, for instance, the swipe notes can get somewhat difficult to time properly; but with the analog sticks, all it takes are simple flicks.





Another benefit is that you're not limited to picking a specific control scheme. You can go with what feels best for you on the fly, making even complex songs relatively easier to manage.

DEPTH PERCEPTION

Manageability is also a priority on the visual front. The in-game interface attempts to lessen optical distractions by dimming the background video and consequently enhancing the visual prominence of the note patterns. Even the videos themselves are mostly visualizer animations that complement the music rather than serve as superficial accompaniments. Summed up, these little touches make playing on the Vita's portable screen a considerably adaptable affair that's easy on the eyes.

One slight negative, however, is the visual cue for simultaneous notes, which has an untenable white glow that doesn't exactly stand out even in high contrast. It's not really a dealbreaker; on 4Trax patterns, it's slightly easier to detect when they

your personal proficiency (although at times they can be a bit misleading in terms of the difficulty spike between patterns).

Aside from the Stage modes for the aforementioned patterns, there is also a World Tour mode that offers challenges of varying difficulty that should test even the most ardent of *Superbeat XONiC* players. Leveling up unlocks more areas in World Tour, which also does have some tempting customization rewards.

That said, the customization options for your profile are just adequate. Equipping icons offers different buffs, like automatically converting a set number of missed notes or breaks into hits just to keep your combo going, or adding bonus experience points to quickly level up. You can also customize the sound of your beat when hitting notes, although it's solely superficial.

A PALATABLE PLAYLIST

When it comes to the tracklist, *Superbeat XONiC* is very generous with more than 50 songs in its repertoire, not including DLC (downloadable content). Fans of *DJMax* will be overjoyed with the stable of Asian artists, majority of them making a return with new tunes to their names.

The mix of musical genres is also very diverse, covering a wide expanse that includes pop, metal, electro, ambient, and even a classical remix or two. But for first-time listeners, these songs may not exactly turn their heads entirely. How well these tracks are able to keep newcomers tuned in greatly depends on their personal taste.

appear, but on hectic layouts and harder note patterns, they become highly imperceptible and so, very missable.

HEARING AIDS

On the topic of complexity, *Superbeat XONiC* has three note patterns for each song that tries to cover all the bases. 4Trax patterns are aimed at newcomers with its more forgiving layout of wider lanes and input mappings. 6Trax patterns are definitely aimed at advanced players who have lots of rhythm-game experience, with faster note movement and more complex note combinations. 6Trax FX patterns add even more complexity by throwing in unique FX notes that use the shoulder buttons, which can get maddening. Fortunately, each song has a bar that indicates its difficulty, which also helps track

PROS

- accessible dual control schemes are great and intuitive to use
- excellent and entertaining aesthetic presentation
- variable song patterns accommodate players of all skill levels
- lots of songs and challenges to play and unlock

CONS

- song difficulties can be comparatively inconsistent
- some visual cues and details could be improved
- could use more customization options
- tracklist and included genres might not appeal to everyone

SPEED SAYS

Superbeat XONiC is a fine music game. It offers vast degrees of challenging gameplay with a learning curve that's not just highly accessible but also still fairly negotiable, enticing qualities that should attract new and old players to the genre. The songlist is more than decent in both number and variety, although their appeal may be somewhat limited compared with the *Guitar Heroes* and *Rock Bands* of the world. But if you're looking for a portable music game that's both stimulating and entertaining, *Superbeat XONiC* should be on your shopping list.

GEEK METER



ELON MUSK

Tesla, SpaceX, and the Quest for a Fantastic Future

● Review by GADJO CARDENAS SEVILLA

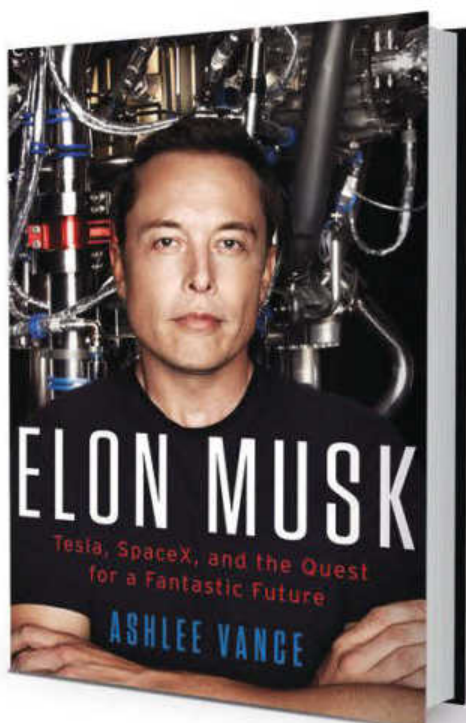
The official biography of Elon Musk almost didn't happen, but author Ashlee Vance badgered, stalked, and persisted in convincing Elon Musk to open up about his many worlds. If there's anything Musk understood, it was dogged persistence, and so he allowed Vance into his inner circle at just the right time: the cusp of multiple breakthroughs in Musk's various enterprises.

For those who don't know, Elon Musk is the real-world Tony Stark, a product of Silicon Valley's early dot-com boom, who managed to revolutionize two industries (well, four if you consider SolarCity and Hyperloop). Musk is the man behind much of the success of Tesla, the eminent electric vehicle maker in the world. He is also the moving force behind SpaceX, the most disruptive private rocket company in the world today, with the mission to help humanity colonize the planet Mars.

RECIPE FOR MUSK

So, what are the ingredients that make an Elon Musk? It seems that as a child, Musk was a loner and a nerd, and he consumed all the books at his local library as well as many comic books at his favorite bookstore.

Author
Ashlee Vance
Publisher
Ecco



Musk made his money in the early days of the internet Wild West. His first company, Zip2, aimed to become an online version of the Yellow Pages. He sold that and then started what would eventually become PayPal, a revolutionary way to pay for goods and services without the usual fees and waiting tied into older financial instruments. PayPal was huge and Musk profited from its sale to eBay.

For many, the story could have ended there. Not even 30 years old, Musk was a billionaire and generations of his family could live off the huge payout. But thankfully, that was not the case.

Musk invested and later on took over Tesla, which fulfilled a longtime dream to create a viable fully electric car, and a charging ecosystem that supported it. Musk also got very interested in pursuing his other dream, space exploration, which led to the founding of SpaceX.

To cut a long story short, Musk decided to play in two of the unfriendliest—and you could say, obsolete—business models. Car manufacturers had long wanted to kill the electric car because it didn't have the upside of sales, support, and service cash cows that traditional cars did, while the aerospace business hadn't changed since the 1960s as evidenced by the outdated rocket designs and technologies.

SILICON VALLEY CULTURE SPREADS

Musk is still seen as an outsider, a smartass Silicon Valley operator that had no idea about rocket science or how to build cars. While that may have been true in the first few years, Musk did everything in his power to level the playing field and understand the businesses he was getting into. The end-result was his application of Silicon Valley's lean and mean startup culture on these old school industries.

Elon Musk: Tesla, SpaceX, and the Quest for a Fantastic Future is a great story of persistence and a rare look at a visionary whose focus on the endgame is unparalleled. Musk is the perfect example of a mission-critical perfectionist who will stop at nothing to see his ideas come to life.

THE DARK SIDE

The book does cover the dark side to all of this. Musk often demanded from people more than what they thought they had to give. As a result, many loyal employees and even friends were cast away like spent shells once they were unable to deliver what Musk expected of them.

Vance does a great job of balancing what Musk wants to project as his reality, with the real-world effects of his decisions and dealings. There's much insight into the many businesses and worlds forever changed by Musk's companies and products. So, while Musk is an intriguing and even heroic character, you quickly get the sense that he isn't a nice person.

**SPEED
Says**

*Elon Musk:
Tesla, SpaceX,
and the Quest
for a Fantastic
Future* is

a great read and highly informative. It's not an instructional book on how to become the next Elon Musk, but it is a great narrative of a man's achievements as well as a cautionary tale. Elon Musk is only 45 years old, which means this biography is not at all definitive. I'm sure there will be more jaw-dropping innovation, and likely, more drama from this real-life Tony Stark.

GEEK METER





Hotspot

FORM
FACTOR

RETRO ROLLERS

Ride and roar on the road with these
retro-looking motorbikes that
will rev your heart.

Words **ANTONIO JOSE GALAURAN**

IN THE MODERN FAST-PACED
LIFESTYLE, THE HOTTEST
INNOVATION TODAY COULD
BE TOMORROW'S JUNK.

But brilliant innovators never see
the old as throwaways—and most
certainly, not the creators of these
featured motorbikes.

We round up some of the drool-worthy vintage-looking bikes that rock the modern world but boast designs inspired from days of yore. They stand testament as to how age isn't defined by number, nor are iconic-qualities labeled by price tag. These heart-stopping, jaw-dropping retro bikes will make your heart skip a beat, and make you wish creating one is as easy as deconstructing and remaking your own dusty two-wheeler.

BMW**Café Racer 76 by
Adrenaline Machines****Minimalist yet oozing with brash attitude,**

the BMW Café Racer 76 by Adrenaline Machines is a no-fuss stripped-down version of the 1978 R100RS, with only the engine and chassis kept intact. Compare it with the original R100S and you might never want to go back to the old Boxer because of the Café Racer 76's sleeker and sportier custom design.

A triple-coated and lacquered R75/76 fuel tank gives this bike a glossy entrance, while the seat is fitted with high-quality brown leather, which contrasts against the black and silver frame. Completing this masterpiece are stainless spoked wheels, a 16cm diameter headlamp, and a Motogadget Motoscope Classic speedometer.





Janus Halcyon 250

One look at the Janus Halcyon 250

and you'll think it came out of a vintage flick from your grandfather's Hollywood VHS collection. Its traditional 1920s lines and styling pay homage to the golden era of motorbikes. Inspired by early board track racers, Janus uses its classic city-cruiser architecture in the Halcyon 250—only this time, injecting it with supplemental firepower: an increased horsepower, torque, and top speed from a 250cc single-cylinder engine.

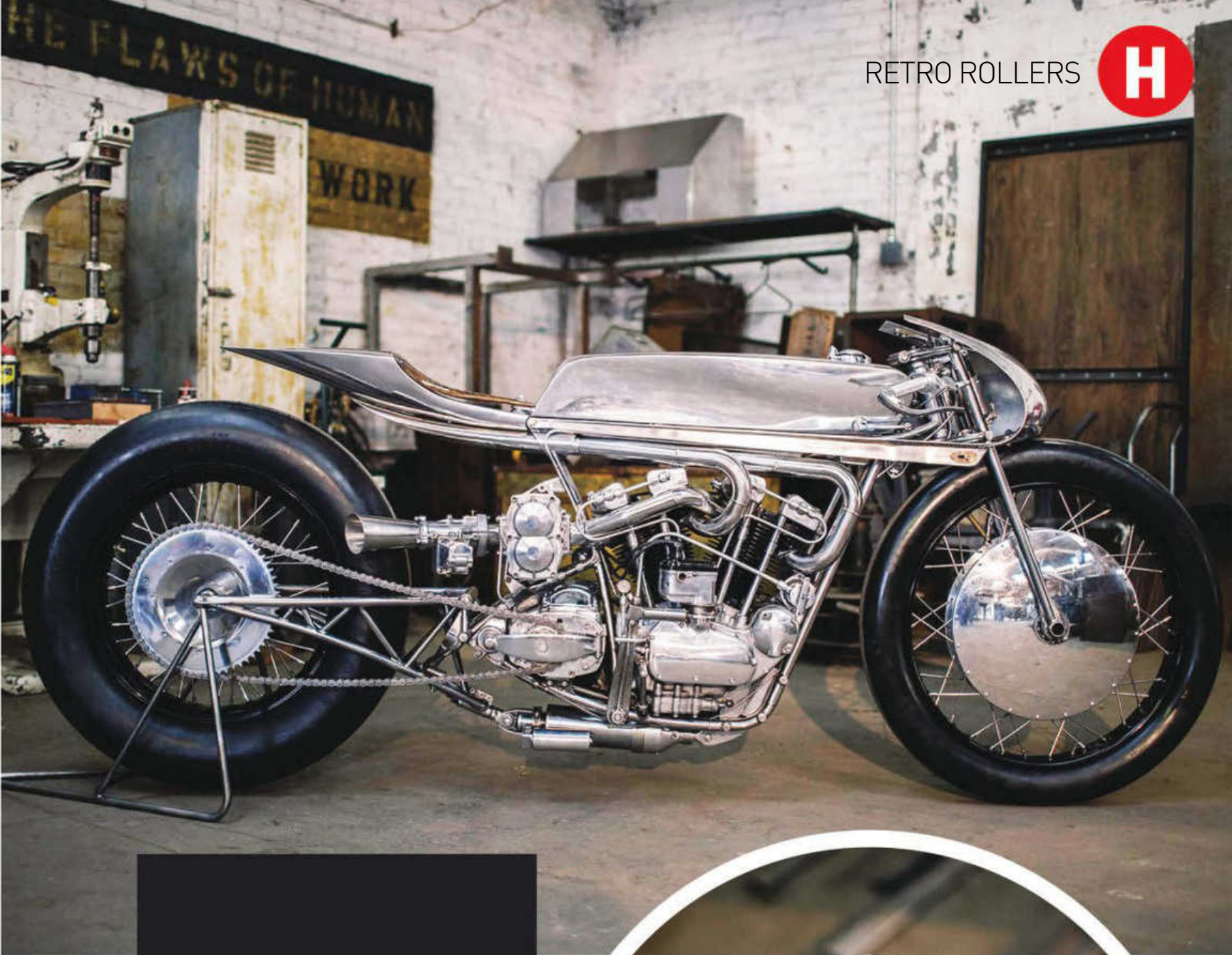
Handmade by select craftsmen, the Halcyon 250 boasts a lean and long aluminum tank mated to a stainless steel-plated body, full-grain saddle seat, and leading-link front suspension.



Rudge Whitworth bitsa by Jean-Claude Barrois

The word “bitsa” means combining bits from multiple objects, and the Rudge Whitworth bitsa is indeed a work of art built from the ground up. A masterpiece of artist Jean-Claude Barrois, the bitsa is originally a French 1928 Soyer 07S. Barrois had to make do with a wrecked frame before eventually deciding to craft his own mean machine. He started out by replacing the old JAP motor with a 500cc Rudge and then added the nitty-gritty details that would make it a sharp eye-catcher: a quarter-gallon tank, a “suicide knee” gearshift, two small fenders, and modern Avon wheels for a kick of speed.

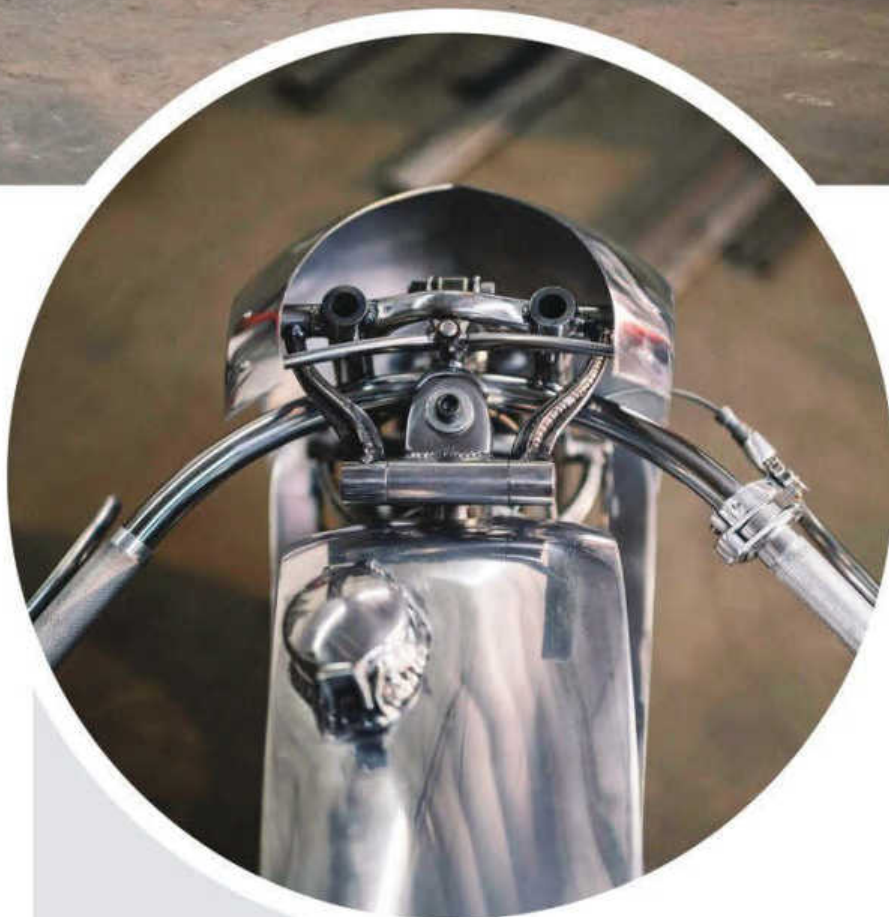




Hazan Motorworks Supercharged Ironhead

Max Hazan is a superstar in the bike-customizing community, and he exhibits yet another display of artistry with the inception of the Supercharged Ironhead.

Flanked by razor sharp corners matched with a paintless finish, the silver Supercharged Ironhead looks like a ride that can slice through any vehicle, object, or human that comes its way. It brandishes a delicate chassis with small-diameter tubing, plus revamped girder forks and swingarm. A creation seemingly constructed by aliens more than human, the Supercharged Ironhead is a Royal Enfield that unknowingly underwent metamorphosis.





Black Douglas Sterling Autocycle

When old design meets modern,
high-powered technology, expect nothing less
than exquisite.

The Sterling Autocycle by Black Douglas is one such bike. Fashioned after a 1920s styling, the steel and aluminum Autocycle gives off a nostalgic vibe that perfectly complements a laidback Sunday morning ride. But this two-wheeler is just as lustrous and edgy as modern vehicles. Its design is handmade by expert Italian craftsmen, while its core is powered by a 230cc motor engine with an electrical system.

Scott Sprint Special

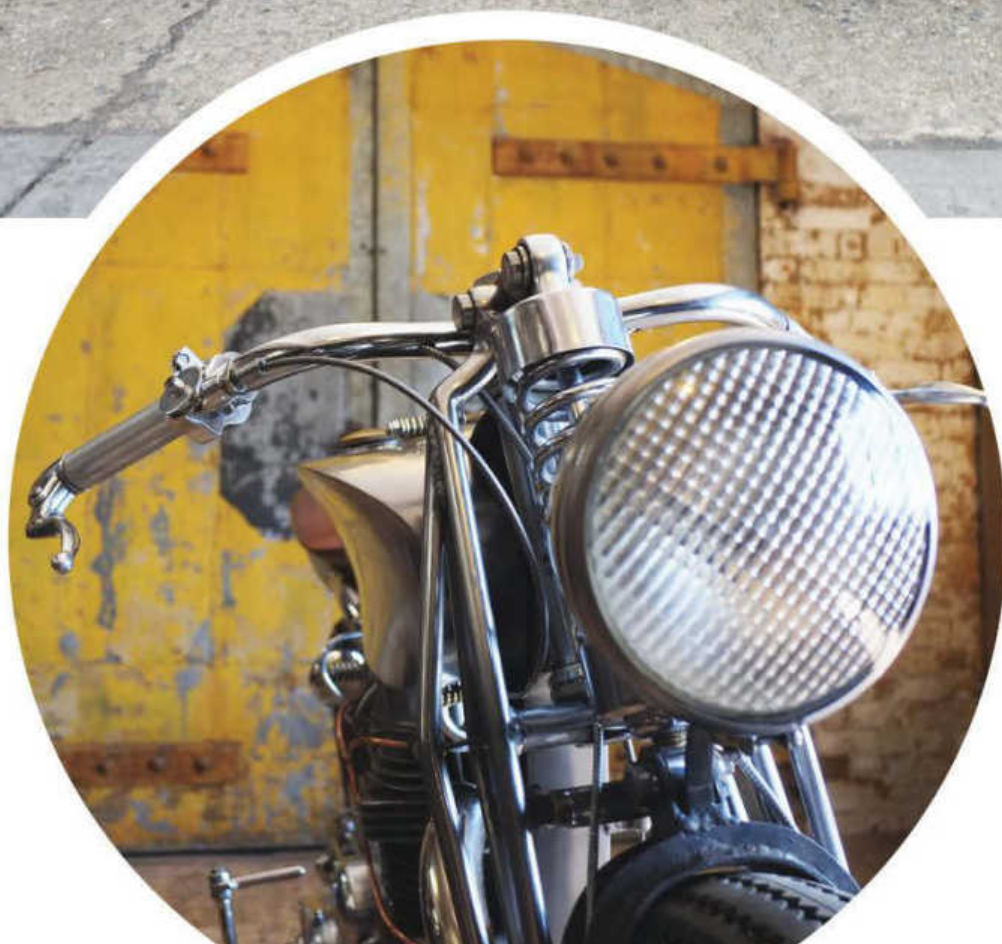
A restored motorbike would be a lame word to describe the Scott Sprint Special. More aptly, it is Frankenstein with wheels unearthed from the horror tales.

After suffering a failing downtube frame and being sold without an engine in the 1930s, and once again suffering an accident in the 1960s, the bike did not cease to exist as gearheads constantly revived the two-wheeler back to life.

Now, this Scott is an anarchy bottled in a motorbike's body, sporting new brazed and repaired frames, a monstrous DPZ 4106 596cc engine, and fresh radiators, exhaust pipes, manifold, and paintworks. Mind you: this bike may be aged, but it isn't a slow poke. In fact, it has been crowned king in several vintage races.



Hazan Motorworks Royal Enfield Bullet 500



Another Hazan Motorworks creation, the Royal Enfield Bullet 500 is born out of Max Hazan's three-month cabin fever following an accident that disabled him and driven by a thirst for the outdoors.

A fusion of metallic and wood, the Royal Enfield Bullet 500 benefits from the addition of a wooden seat, and intricately crafted handlebars, frame, levers, linkages, and cables.



Globaltronics, Inc. Co-presented by
LEADING DIGITAL INNOVATION



NATIONAL DIGITAL ARTS AWARDS 2015
NDAA
2015
#DIGITALPINOYAKO

A big night for Digital Pinoy

From left; Gian Carlo Wong, 3rd Place Print, Mapua Institute of Technology; Jean Napeñas, 2nd Place and People's Choice Print, Technological University of the Philippines; John Paulo Espeña, 1st Place Print, Polytechnic University of the Philippines; Philip Alfred Nery, 1st Place Motion Graphics, Malayan Colleges Laguna; Anton Victor Espelita, 2nd Place Motion Graphics, First Academy of Computer Arts; Gian Paolo Garrido, 3rd Place and People's Choice Motion Graphics, Mapua Institute of Technology

It was a night of excitement and fun as Globaltronics announced the winners of National Digital Arts Awards 2015 in a concert jam-packed with Pinoy pride and global talents last January 15, 2016 at the Newport Performing Arts Theater, Resorts World Manila, Pasay City.

The National Digital Arts Awards or NDAA is an annual award advocacy organized by Globaltronics, Inc. giving recognition to young creative talents in the Print and Motion Graphic arts. NDAA seeks to recognize the nation's top digital

artists and create awareness for the young generation to encourage them to do digital art as a life-long game changer for them and their families.

Philip Alfred Nery, a student from Malayan Colleges Laguna, won the 1st place for the Motion Graphics Category and went home with Php 200,000. John Paulo Espeña from Polytechnic University of the Philippines (PUP) claimed the top spot for the Print Category, earning him Php 175,000. All winners were awarded with the coveted NDAA trophy. NDAA awarded a total of Php1 million in cash this year.



Senator Sonny Angara graced the event as the keynote speaker and talked about the value of creativity as a game-changing ingredient in the economic rise of the country.



Celebrity guest Alden Richards took center stage and performed in the midst of a cheering crowd. Dance numbers by the A-Team wowed the mostly youthful crowd. OPM bands Up Dharma Down, Kean Cipriano and Eunice Jorge, and Parokya ni Edgar rocked after the awarding ceremony.



A victorious moment for the winners of NDAA 2015 #DIGITALPINOYAKO! (From left) Atty. Joe Valle, Outdoor Advertising Association of the Philippines (OAAP) Chairman; Anton Victor Espelita, 2nd Placer Motion Graphics Category; William T. Guido, Globaltronics' Chairman and CEO; Alfred Philip Nery, Grand Winner, Motion Graphics Category; Wilmer O. Guido, Globaltronics' Creative Director and Proponent of NDAA; Rob Fowler, Sales Director of Philips Commercial Display; Gian Paolo Garrido, 3rd Placer and People's Choice Awardee, Motion Graphics Category.



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COVER
STORY

DRIVE

to
the



FUTURE



We are on course to a high-tech automotive future. There are no crossroads, no detour, no Yield sign, and definitely, no U-turn. Technology is invading the world of motoring, as cars are invading the world of tech. And so this month, *Speed* gives special attention to the car technologies and concept models that you might see on the road sooner rather than later.



The automotive industry is undergoing a rapid evolution toward a future that is highly driven by technology. This inevitable marriage cannot be reflected any better than in the next two articles beyond this page: a motoring journalist writes about the cutting-edge automotive technologies featured at Consumer Electronics Show (CES) 2016, while a tech journalist takes you through this year's North American International Auto Show (NAIAS), or more popularly called Detroit Motor Show.

COVER
STORY
CES 2016

CES 2016

**BRINGS THE FUTURE
OF MOBILITY**

Words **KRIS LIM**



Consumer Electronics Show (CES) 2016, the home of technological breakthroughs, gleamed brighter than ever as more than thousands of companies showcased their latest and greatest concepts in their respective fields.

Earlier this year, all eyes were on Las Vegas, Nevada, with over 20,000 new products launched at the event. Business leaders and some of the biggest names in the tech industry gathered once more in showcasing next-generation developments in the global stage.

As CES expands to unprecedented advances in car technology, the event—which debuted driverless cars in 2013—once again paved the road to a new batch of innovations in the automotive industry that is set to leave the world in awe. Check out some of these concept models and technologies below.



Faraday Future FFZero1 Concept

More and more automotive manufacturers are creating electric cars. At the show, Faraday Future unveiled the FFZero1, a concept car that is built on carbon fiber and lightweight composite materials, and high performance suspensions.

A good contender for Tesla in the market, this single-seater car is said to provide around 1,000 horsepower from its four quad-core motors. Such power results to 200 miles per hour speed and the ability to pick up from zero to 60mph in less than three seconds.

The FFZero1 offers a more futuristic driving experience with an intuitive UI that integrates virtual and head-up displays, a smartphone-connected remote vehicle setup, and anticipatory personalization.



The German automaker's Kombi lookalike feeds on a 101kWh Li-ion battery that could be used in as much as 600 kilometers. This electricity-propelled van can recharge 80 percent of its battery power in a span of 15 minutes and could theoretically run as fast as 150 kilometers per hour.

The instrument cluster and the infotainment system are merged into a single unit seen behind the two-spoke steering wheel. It also has video streams for the camera-based "e-mirrors."

Rinspeed Etos

Much fanfare has been thrown around the motoring world just before the Rinspeed Etos (Στος) concept debuted at the CES 2016, and with a good reason. This two-seater concept hybrid is the closest to the idea of driverless cars. This vehicle is presented with a personal autopilot and drone.

When on autopilot mode, the steering wheel folds up and retracts completely into the dashboard. Two widescreens—placed in front of the two passengers—move closer when on this mode, giving a more comfortable view. To complement the auto pilot feature, the Rinspeed Στος uses the innovative Harman Connected Car technologies, which deliver a suitable infotainment package.

BMW i Vision Future Interaction

The Germans seem to have a knack for "al-fresco", which is very much what represents the qualities of BMW's latest concept car, the i Vision Future Interaction.

The BMW i Vision Future Interaction is a roofless, doorless car with a firm resemblance to its hybrid brother, the i8 Spyder. What this car lacks in the exterior (roof and doors), it makes up in technological features.

Aside from the airy design, the BMW i Vision Future Interaction provides more control to the driver and front passenger with its AirTouch technology and voice control with the help of a 21-inch panorama display.

Volkswagen BUDD-e

Volkswagen has created an electric vehicle that looks like most of their older vehicle models, but with the technological features that could just be the answer to that sensitive emissions issue.





Audi e-tron Quattro

Another German auto maker has shown the world their capability to innovate and deliver. Audi introduced to the world the e-tron Quattro at the CES. Three electric motors—one motor in front and two at the rear—power this electric vehicle that is set to deliver normally 429 horsepower or even up to 496hp in brief jolts. The 95kWh battery is also said to have a range of more than 500 kilometers. Assembly of the production version may soon begin in Belgium in 2018.

Kia Drive Wise

Korean automaker Kia Motors also has something up its sleeve, as it showcased the partially autonomous sub-brand Drive Wise to represent its future Advanced Driver Assistance Systems (ADAS).

The technology—which is still under development—aims to improve safety for all road users. It includes Highway Autonomous Driving, Urban Autonomous Driving, Preceding Vehicle Following, Emergency Stop System, Traffic Jam Assist, and a new Autonomous Parking & Out function.

During CES, Kia also announced plans of manufacturing partially autonomous cars by 2020, and is eyeing to dish out its first fully autonomous vehicle to the market by 2030.



Panasonic Advanced Cockpit 2020

Panasonic seems to have no fun with physical buttons. With the Advanced Cockpit 2020, Panasonic's latest breakthrough now involves touch-enabled screens and sensors, eliminating the use of buttons inside a vehicle.

The Panasonic Advanced Cockpit 2020 has around nine display panels, combined with a touchless control system. A head-up display (HUD) with gesture and

eye-tracking control system is installed, helping drivers focus more on the road.

The display panel at the driver side has a full 12.3-inch IPS-TFT concave screen. The center display has a similar screen but curves outward, giving passengers easier access and better viewing angles.

Harman Advanced Navigation Solution

Nowadays, mobile applications give out traffic and weather conditions, separately. Now, imagine an all-in-one program that provides these reports in real-time via camera feeds from nearby users. Sounds fun, right? That is what the Harman Advanced Navigation Solution hopes to bring to the table.

Similar to Waze, the Advanced Navigation Solution aims to gather information and data from other users for sharing, but the information should include parking availability and road conditions. However, the data that it would give is much detailed because it would come from camera data uploaded from actual cars on the road. Also vehicles that would have the Harman Advanced Navigation system would identify weather condition when a number of vehicles have activated their traction control systems over a single stretch of road.





A Leading Brand in Europe

WORLD RECORD HOLDER

LARGEST SIMULTANEOUS MOTORCYCLE TIRE
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KYMCO MODEL USED: VISA R, KPIPE, KTR125
AGILITY 125 S8 125/150, LIKE 125
LIKE 200, XCITING 400I



**"BOOST SPEED...
ENHANCE EFFICIENCY...
RAISE YOUR SAFETY..."**



50 YEARS OF MOTORCYCLE
MANUFACTURING EXPERTISE
WORLD WIDE



SH26
BLACK



SHAD
FREE
SHAD SH 26
TOP CASE



UXV500I+G

MXU 150

XCITING 400I

GRAND
DINK 300I

SUPER 8 150
RS NAKED

AGILITY 125

LIKE 125

KTR 125 ROYAL VISAR

AUTO REVO

FUTURE-FORWARD AUTOMOBILES FROM NAIAS 2016

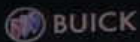


2017 FordGT

Detroit, Michigan - The 2016 NAIAS (North American International Auto Show) is the quintessential large-scale showing of new models and new technology platforms coming to the automotive industry. As the first major car show of the year, it sets the tone for the range and degree of innovation for months to come.

LUTION

Words **GADJO CARDENAS SEVILLA**



Gadjo Cardenas Sevilla

Acura Precision Concept

TECH PULLS CAR MUSCLE

But is the Detroit Auto Show, as it is fondly called, still the first major international car event of the year? The Consumer Electronics Show (CES) held in Las Vegas just a week earlier was just as much about new car technologies and models as it has been about the latest TVs, gadgets, and Internet of Things announcements.

As I took in the glorious display of shiny cars and trucks at Detroit's cavernous Cobo Center exhibit space, I heard people talk excitedly about CES. "Saw it at CES, went to CES, CES this, and CES that."

General Motors, who invited me to this year's NAIAS, already unveiled their Chevy Bolt EV at CES. Mercedes-Benz also previewed their new E-Class' futuristic surround interior in Las Vegas even as it showed off the entire vehicle in Detroit. Various other carmakers also grabbed the spotlight away from CES—a show that has been abandoned by the likes of Microsoft, Dell, and HP, and is now in a weird state of flux.



2017 Mercedes-Benz E-Class



Gadjo Cardenas Sevilla

While CES managed to capture some early attention and some of the NAIAS mojo, the same can't be said for the NAIAS this year, at least in terms of attracting technology companies to present their latest products. Tesla opted not to participate this year. Upstart Faraday Future, which generated a lot of buzz at CES, was missing. And even infotainment solutions providers like BlackBerry's QNX were not represented.

This is not to say that tech-heavy content was lacking at the 2016 NAIAS. It certainly was present in almost each and every automaker's pavilion, and highlighted in each of the high-profile press events and launches.

The NAIAS is still a traditional auto show. And despite all the buzz generated by

technology, the new car launches still received most of the attention. The love affair for shiny metal, chrome, and fast engines was celebrated non-stop as exciting new models and aspirational concepts were unveiled.

FRIENDLIEST SHOW

Detroit has elevated the auto show to an art form. Everything is planned like clockwork and laid out intuitively.

Michelin had one of the best media rooms I have ever been in with hundreds of seats, lots of plugs for devices, and strong Wi-Fi connection, plus an abundance of food, drinks, and coffee—around the clock and not just at designated times.

The staff running the media room seemed to know many of the journalists and treated them like old friends, which made working tight deadlines tolerable. I was happy to see visible security around the venue, including K-9 units and even military presence (the Army had some vehicles to show off as well).

The Detroit Auto Show is probably the most press-friendly and stress-free event of this magnitude that I've ever had the pleasure of attending. GM's staff, which had to manage a contingent of Canadian journalists, was constantly on the ball, anticipating any interview or providing data on products and technologies without much fuss. Most of the other carmakers seemed accessible, and press kits were easily attainable via USB drives or online pages.



2017 Porsche 911 Turbo



CHEVROLET

CRUZE HATCHBACK



Day 1 and Day 2 press conferences are a bit of a tough cover for one journalist since they were usually 30 minutes apart, and you do need to come early to get a good seat (more importantly for photographers, get a good line of sight for the 5 minutes between a car unveiling and the inevitable swarm of guests and journalists taking shots).

EXCITING LAUNCHES

It must be very challenging for carmakers at the show to come up with unique concepts for their reveals and current product lines. Some, like Mazda and Scion, simply laid their cars out in a row, which felt no different from what you would experience in a showroom.

Others, like Ford, built entire two-story pavilions with various activity centers, and things to play with and try. Ford also had free lunch for visitors as well as an abundance of candy, cola, coffee, and snacks of all sorts to keep people coming back. While Ford's pavilion was focused on technology and innovations, it felt like visiting the Ontario Science Center rather than a traditional car show, which was refreshing.

GM's vast armada of vehicles and brands were very well set up with displays that matched the mood and lifestyle attached



HATCHBACK



Volvo Concept 26 autonomous vehicle's interior



Scion C-HR Concept

to each line. The Cadillac area was notably elegant and luxurious, easily the swankiest set in the show. Not having spent that much time up close with the latest Cadillac sports sedans and Escalades, a lot of my perceptions about the brand and what it represented were shattered. I kept coming back to check the stunning high-performance 2016 Cadillac CTS-V.

Buick enjoyed a sudden swell of resurgence thanks to the impressive Buick Avista Coupe concept revealed at an event before the show. This was easily the most exciting new car that was shown off and one that really made many people rethink their idea of what a Buick should look like.

Chevrolet had a strong showing behind the Chevy Bolt EV and followed it up by revealing the Chevy Cruze Hatchback—a Ford Fiesta killer that is sure to resound with buyers in the North American hatchback market. Meanwhile, the 2016 Chevy Camaro was chosen by Motor Trend as the 2016 Car of the Year; it's nice to see Bumblebee get that much deserved accolade.

What struck me most was the rabid popularity of the GMC line of trucks. There were hundreds of people flanking the GMC Acadia line reveal. This proved that while technology, connected cars, and EVs are exciting, people really adore their trucks. With oil prices at an all-time low, I'm sure these will continue to sell well.

PRODUCTION CARS STEAL THE SHOW

While concept cars and new technologies are interesting and point the way to the future, it is really production cars that make the mark in a show like NAIAS. Of course, each of us has particular needs. And since I am currently in the market for a 5-seater family car to replace my ageing VW Jetta, there were a few cars that caught my eye.

The new Fiat 500X, which is built on the same platform as the Jeep Renegade, is an unusual crossover vehicle, vastly different from the Fiat 500, but will hit a lot of sweet spots. It is the first all-wheel-drive Fiat, has a sporty feel to it, and covers the space requirements of most families.

The Scion Mi, another 5-door hatchback, is less of a crossover but exudes the air of a pocket rocket. It can easily be mistaken for a smaller Subaru Impreza or Lexus CT. While I'm aware that Scions are targeting the youth market—and this is essentially a rebadged Corolla—it does have some fresh touches that make it a strong option in the hot hatch market.

The all-new BMW M2 Coupe was one of the biggest surprises of the show. It was shown on stage next to the iconic BMW 2002, which shares its high-performance roots. With higher torque than similarly sized models, the M2 Coupe brings BMW's famed M badge to yet another model that promises high-performance in a compact car.

Hyundai spun out its premium Genesis brand at the show with a luxurious display and prototypes that looked more like Maybachs or Bentleys rather than Hyundais. The Korean car giant has really come a long way, and the Genesis brand seems to bring all the right elements to the luxury market.

CROSSOVERS WIN BIG

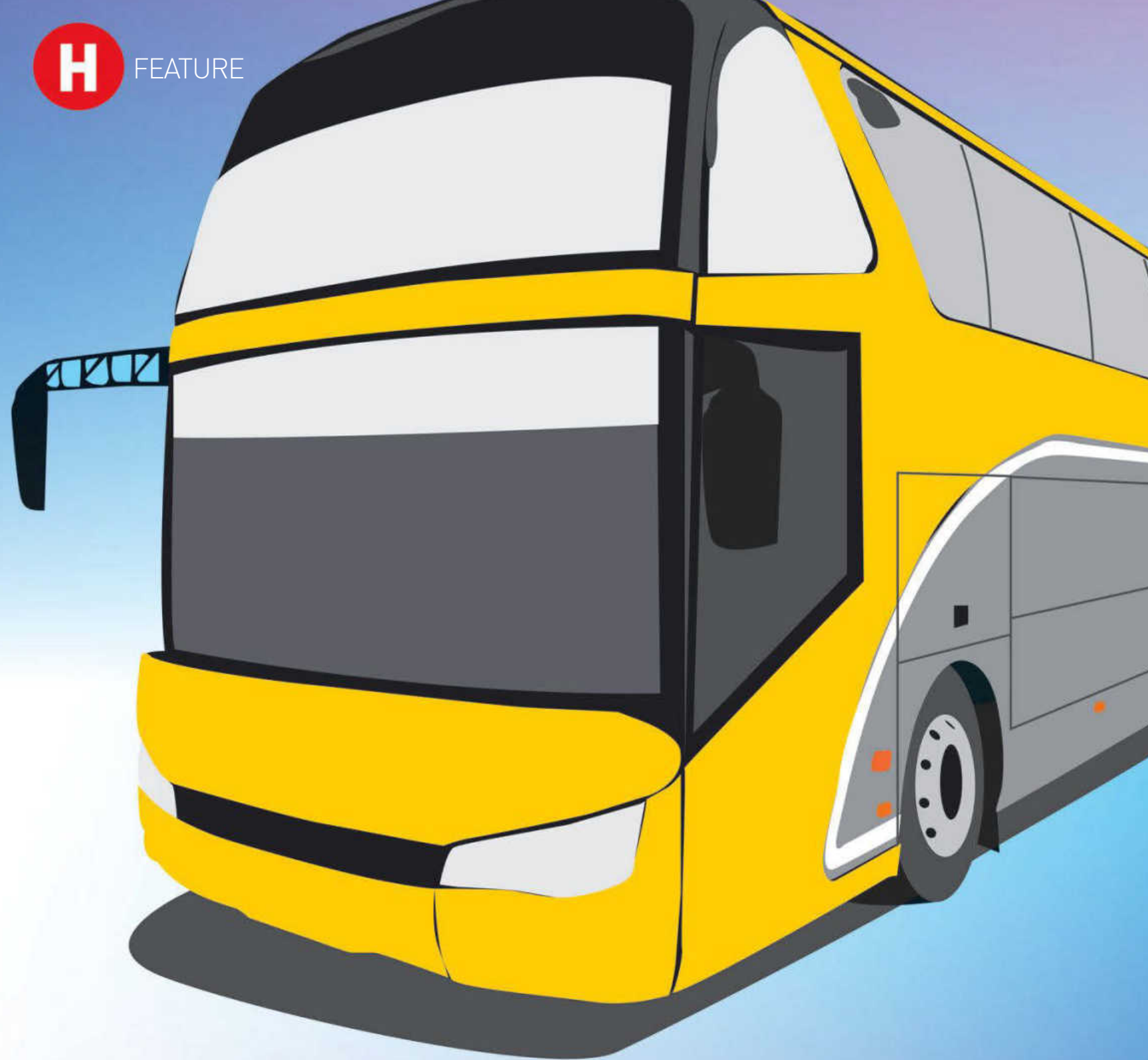
Crossovers were all the rage at this year's Detroit Auto Show, proving once again that practicality and space matched with fuel economy and the latest creature comforts make for some of the more appealing vehicles.

Buick showed off the Envision crossover, which is designed and made entirely in China. While this didn't sit well with many Americans who felt like it should have been manufactured locally, it does point to a reality that a lot of car manufacturing is going offshore.

This was my first North American International Auto Show and definitely my best auto show experience to date. Not only did I get a glimpse of the future automotive technology and see a wide range of vehicles, I got a good feel for many trends and technologies that will mark the changing face of the auto industry.



FEATURE



MASS MOVEMENT

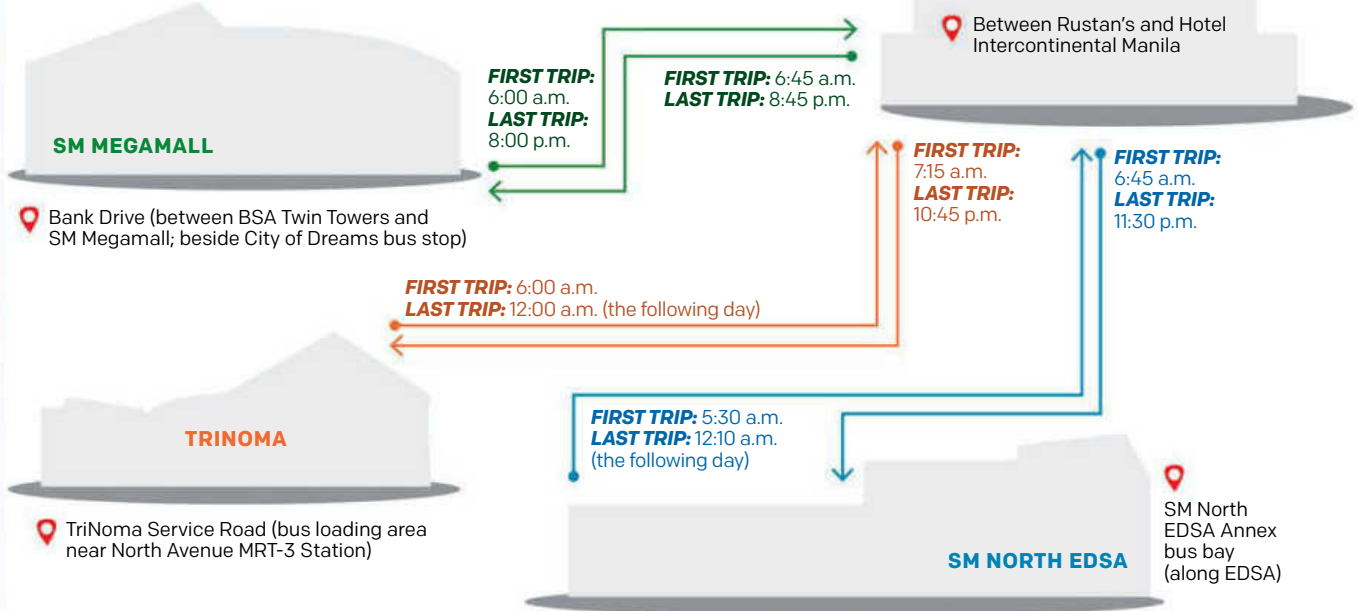
The battle cry: mobilize new bus service systems

Words **PAT CALICA**
Artwork **MELAI BALITAAN**

Sources:
 [1] <https://www.facebook.com/DOTrPhilippines>
 [2] <http://www.dotc.gov.ph/index.php/2014-09-02-05-01-41/2014-09-03-06-43-32/174-holiday-non-stop-bus-extends-service>

MOVING FROM POINT A TO B

Routes*, fare**, and schedule* of existing premium point-to-point bus service



*Routes and schedule as of Feb 11, 2016. These are subject to changes in consideration of the new accredited operators and routes.
 **20 percent discount on students, PWDs, and senior citizens applies.

“If you want less traffic, take public mass transportation” are the words I hear quite often when listening to a heated debate about the horrendous city traffic. Then, what will follow is a rebuttal that involves an endless list of reasons on why people who own private vehicles rather not take public transportation.

I’ve been using public transportation for most of my life, and I know that it would be a difficult task to convince private car owners to leave behind comfort and safety for long waiting lines, pollution, crowded trains and buses, public utility vehicle (PUV) drivers with no regard for traffic rules, and old mass transport infrastructure.

BY THE NUMBERS

The current state of transportation in Metro Manila and its neighboring cities and provinces is a multi-faceted problem, and there is no illusion that these issues will be solved with a snap of your (or someone else’s) finger. It requires institutional solutions, as well as every Filipino commuter’s and driver’s effort to improve and cooperate.

There is, however, a reason to the first statement above.

In a 2014 study titled “Roadmap for Transport Infrastructure Development for Metro Manila and its Surrounding Areas,” the Japan International Cooperation Agency (JICA) and the National Economic Development Authority (NEDA) created a transport infrastructure profile of Metro Manila and its two neighboring regions, Central Luzon and CALABARZON.

According to the JICA-NEDA study, in 2014, Metro Manila had an approximately 12 million population—which continuously grows at 1.8 percent per year—within its relatively small 620-square kilometer land. The ratio of the million population to the 32,921km combined local and national roads is not something to worry about yet.

However, the region’s thoroughfares are not enough once the approximately two million private and public vehicles plying the Metro Manila roads are taken into account.

The report also mentioned that in 2014, the traffic demand in Metro Manila was at 12.8 million trips, and six million in nearby

provinces. Of the total 18.8 million trips, 69 percent were done using public transport and the remaining 31 percent were done in private mode.

Here in lies the crux of the matter: While trips taken using private vehicles are fewer, this mode of transportation still takes 78 percent of road space.

Can you imagine if we could reduce that figure by half with solutions like carpooling or, say, better mass transportation?

IN PICTURE

Metro Manila has no shortage of options for public mass transportation.

The rail transport includes three lines: the Light Rail Transit (LRT) 1 and 2, and the Manila Metro Rail Transit (MRT-3). The train system can transport commuters in large volumes, making it the ideal mass transport solution. Public utility buses (PUBs), public utility jeepneys (PUJs), Asian utility vehicles (AUVs or FX), and tricycles or pedicabs operate as road-based mass transport.

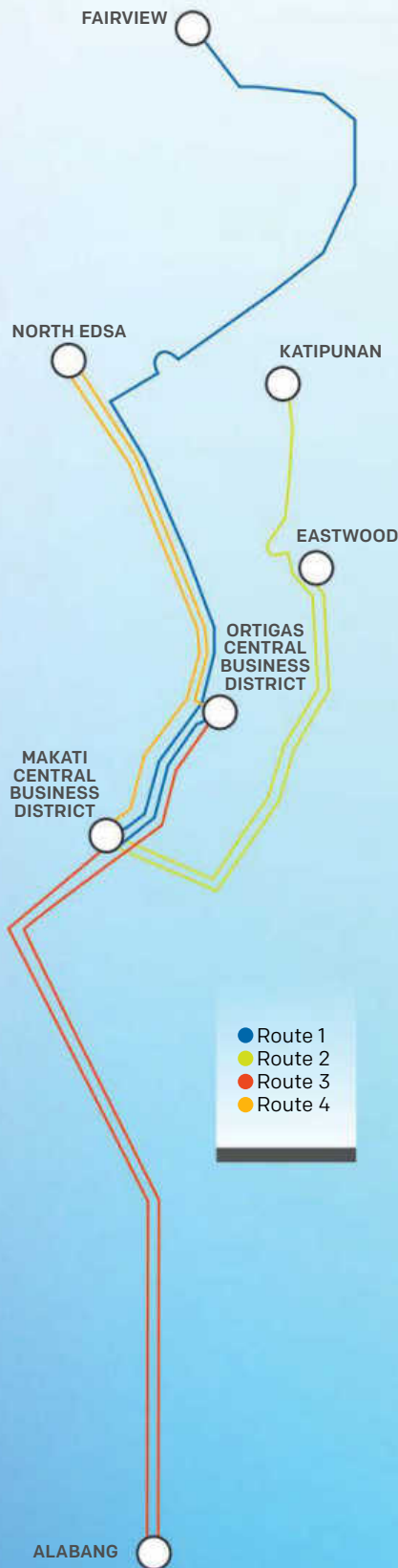
Next to the light rail system, buses have the biggest passenger capacity among all PUVs, making it a viable option for mass transport. The state of these bus services, however, leaves a lot to be desired.

The Department of Transportation and Communications reported that in 2011, there were 5,331 urban buses in NCR. Considering that most buses have 45 to 60 seating capacity, the number above was not enough to support Metro Manila’s daily commuters, causing the sardine-like state of passengers inside the buses.

Add to the harrowing experience of riding buses are the still-in-operation bus units that look like they are one trip away from the junk yard, as well as smoke-belching ones, which contribute to the acrid air of Metro Manila.

GOING THE DISTANCE

LTFRB announced four additional routes for the premium point-to-point bus service that will start June 2016.



Source:
[1] http://ltfrb.gov.ph/media/downloadable/MC_NO.2015-027_.pdf

A one-way bus trip from North EDSA to Makati takes hours for you to get to your destination—not only because of the heavy traffic, but because the bus you're riding most likely loads and unloads passengers at every stop possible. Plus, buses stopping whenever, wherever, only add to the congested traffic people have to endure every day.

In the end, to attract more commuters to take public bus services, there has to be a major reform in the current system in Metro Manila.

ROAD TO BETTER RIDES

The government has implemented programs to help improve the region's bus system service and ease the traffic congestion on city roads. One example is the color-coded segregation scheme, where buses are required to load and unload only at their designated stops based on the color of their issued stickers. But, the implementation seems to not be doing well since many drivers and passengers still don't follow the scheme, and continue to add to traffic congestion.

Recently, the government introduced a new bus service system that aims to provide commuters a faster and more convenient trip every day: the Point-to-Point (P2P) bus system.

Launched in December 2015, the P2P system is a non-stop premium bus service that transport passengers to and from designated, fixed locations. On average, a regular trip from Quezon City to Makati City can last for 90 to 120 minutes during rush hour. But with the point-to-point scheme, skipping bus stops along the traffic-choked EDSA ideally translates to 20 to 30 minutes of saved time.

These buses provide guaranteed seating and depart on time—with or without any passengers. The P2P buses are air-conditioned, and equipped with CCTV cameras and Wi-Fi. There's also a VIP lounge and a lavatory on board. Comfortable, clean, affordable, and fast, the P2P buses are a league way ahead of the regular bus we see plying the streets of Manila.

As of writing, there are already three routes: SM North EDSA-Glorietta 5, TriNoma-Glorietta 5, and SM Megamall to Glorietta. But the Land Transportation Franchising and Regulatory Board (LTFRB) is in the process of selecting bus operators for additional P2P routes that will link several high-traffic origins and destinations such as Makati, Fairview, and Ortigas.

To qualify for the P2P service, bus operators should have single or double-deck air conditioned buses that are 11 to 13 meters in length and have a maximum of four reclining seats per row. The buses should have a low floor entry with space for one passenger in a wheelchair, plus a foldable or retractable wheelchair ramp at exit. A Euro IV or better emission standard or clean fuel alternative is required, too.



Making sure that the P2P service is on par, the LTFRB requires operators to equip their buses with at least four CCTV cameras, on-board GPS, and automated bus arrival electronic display and announcement system. The drivers should also be salaried, and their compensation should not depend on the number of passengers.

The new premium point-to-point bus service system is slowly gaining ridership over the past few months, but its long-term effect here in the Philippines remains to be seen.

With the continuous support of the government and the patronage of more commuters, the P2P service may be one of the better solutions the Metro Manila roads need. Basing on countries with the same systems—Singapore, Hong Kong, New Jersey, New York, and London, among others—we may be looking forward to a better public bus transit.

Again, fixing the bus service system is not the only answer to the traffic hell that is Metro Manila. Parallel efforts to improve other mass transport systems in the metro are also important. And as these efforts are being undertaken, we must wait—in heavy traffic, at that—for them to come in fruition.

It wouldn't hurt if we contribute in our own little ways.

InnoFest Asia 2016

LG Signature

STUNNING SPECIMEN OF TECHNOLOGY AND DESIGN

Words **KATRINA RIVIERE-DIGA**

The N Seoul Tower features a "tunnel" with a massive OLED display made up of 248 individual 55-inch LG OLED TVs.

Seoul, South Korea—LG Electronics brought out the superlatives during the InnoFest Asia 2016 held at the Grand Hyatt Seoul, as it unveiled its new ultra premium brand, LG Signature.

InnoFest is an annual event that allows the Korean electronics giant to showcase its diverse range of products to regional business partners, retailers, and media. The LG Signature line was first launched at the 2016 Consumer Electronics Show in January, but through InnoFest Asia, *Speed*, along with approximately 300 dealers and journalists from the region, was able to experience the new products first-hand. "Events such as InnoFest allow us to give audiences a close up view of our newest products, which have to be seen to be truly appreciated," said Chris Yi, LG Asia Regional Head.

LG Electronics



MORE THAN JUST PREMIUM

The initial salvo of LG Signature products includes an ultra-thin 4K OLED TV, a fridge, a twin washing machine, and an air purifier. These products were designed and crafted with simplicity and high functionality in mind, eliminating any unnecessary elements that detract from their essence. According to LG, the Signature line will include more products as the brand expands.

LG flies the OLED flag higher this year with the **Signature OLED TV**, which won the 2016 CES Best Innovation Award. This show-stealing TV, available in 77 and 65 inches, is incredibly thin at 2.57mm—equivalent to just four stacked credit cards—and features the Korean company's Picture-on-Glass design concept, which basically means the display panel is applied directly to the glass.

The Signature OLED TV, along with LG's entire 2016 OLED TV lineup, supports two of the latest HDR formats—the Ultra HD Alliance's HDR 10 and the Dolby Vision HDR format. Picture quality is tops, thanks to 4K resolution, a wider color gamut, and really deep blacks. The footage we saw during the show was a UHD HDR footage provided by NASA, and we had no trouble seeing the pop of colors, textures, highlights, and shadows in the video.

The engineering and design marvel doesn't end with the screen. The TV's base stand is actually a front-facing 4.2-channel sound bar developed by Harman Kardon. It also houses all the circuitry for the TV. If you feel like mounting the TV to the wall, the back half of the speaker base can fold behind the panel.



Meanwhile, on the home appliances side, LG showed off its **Signature washing machine**, which is an advanced version of the LG Twin Wash first introduced at CES 2015. The 24-inch front-load washing machine features a touch-enabled Quick Circle User Interface embedded in the glass door. Aside from the main front-load washer, there's a second, smaller washer built into the pedestal below. That way, you can simultaneously wash bulky items in the main, and delicate items in the smaller washer.

The Signature washing machine is equipped with LG's proprietary Centum System, which improves the washing machine's durability and energy efficiency, and minimizes the tub's vibrations and noise during a wash cycle.





How many times in a day do you open the door of your fridge just to check what's inside? With the **Signature refrigerator**, you no longer need to do that. Just knock on the upper right door and the light goes on inside the fridge, letting you see what's inside without having to open the door. This way, you cut down on energy usage by limiting cold air loss.

The ultra-modern stainless steel fridge also comes with a new Auto Door Open feature, which automatically opens the door when it senses you approaching the refrigerator. It's like that feature in Ford cars where you wave your foot under the tailgate to pop it open. This time, you don't need to put down your bags of grocery to open the fridge door. Sounds gimmicky, but we can definitely see that feature coming handy when we need a hand, but only have our foot to help us. Oh, and this Auto Door feature is also smart enough to tell that it's a human's foot and not your pet or crawling baby.

Other features of the LG Signature refrigerator include Inverter Linear Compressor, which automatically adjusts the cooling capacity based on load conditions, as well as FRESHGuard Wall with a full stainless steel inner cavity and duct that keeps the cold air in and your food fresh.



The last product in the ultra premium line is the **Signature Air Purifier** with a transparent panel. Aside from cleaning the air, the Aqua Cyclone feature also humidifies the air. It uses the power of water to filter out harmful chemicals and contaminants while quickly bringing the room to comfortable humidity levels. Want to know the air quality in your room? Check the Smart PM1.0 Indicator, which detects high levels of dust and odors. The indicator uses four different colors of light to signify that the air is in need of purification. The Semi-Permanent Filter System means you don't need to change the dust and deodorizing filters for the next 10 years.





SAMSUNG

SMART LIVING SHOWCASE

at Samsung SEA Forum 2016

Words and photos **KATRINA RIVERE-DIGA**

Kuala Lumpur, Malaysia—Some say technology makes us lazy, dumb, and unproductive. And it can be true, if we abuse them and let them take over our lives. But used right, technology can make things faster, easier, and better.

This was what was running through my head as I, along with other media from Southeast Asia, toured the exhibition hall of the Kuala Lumpur Convention Center during the Samsung SEA Forum 2016. This year's event focused on smart living and the South Korean tech giant's push into the Internet of Things (IoT).

Most of the products displayed—bezel-less curved TVs, smart washing machines, a refrigerator with a 21.5-inch tablet stuck on the door, and a thin-and-light 2-in-1—have already been showcased at CES 2016 in Las Vegas, but Samsung, as is the custom, brought the products closer to home with their annual regional event.



Samsung Newsroom

Samsung Southeast Asia and Oceania president and CEO Yong Sung Jeon



SMARTER HOME LIVING

Washing your clothes and making an inventory of the food in your fridge are unexciting activities given a new spin in this time of tech.

The **Samsung Family Hub** is a refrigerator that feels like all of IoT bundled into one. But let's get the big elephant in the room out of the way: the huge 21.5-inch Full HD touchscreen display. Powered by Tizen OS, this screen allows you to leave notes for your loved ones, share photos and artworks of your kids, check out recipes online, keep track of doctor's appointments and other meetings, stream music from your smartphone, and even watch your favorite TV show using Screen Mirroring with your Samsung Smart TV.

But the Family Hub goes beyond just that. Built into the inside doors of the refrigerator are three cameras that take photos of the contents of your fridge every time you close the door. When you do your grocery shopping and you've forgotten what you need to buy, you can easily access the images from your smartphone and get the stuff you don't have or are running low on. You can even date what's inside the refrigerator using the touch display, so you can keep track of how long that lone slice of cake has been sitting in your fridge.

Of course, the Family Hub is a refrigerator first and foremost, so Samsung equipped it with some tech wizardry. The top two doors of this model are for refrigeration, while the bottom two are for freezing. But if you don't need all that freezer capacity, Samsung's FlexZone technology allows you to freely switch from freezing to refrigeration for the four doors at any time. The Family Hub also comes with Triple and Metal cooling system to keep food fresher for a longer period.



And then there's the **RT7000** top-mounted freezer refrigerator, which is a more conventional fridge but loaded with Twin Cooling Plus technology. Twin Cooling ensures that a humidity level of up to 70 percent is maintained throughout the fridge for longer-lasting freshness of food items. Two independent evaporators and two separate airflows in the fridge and freezer ensure that smells from food in the two compartments won't mix.

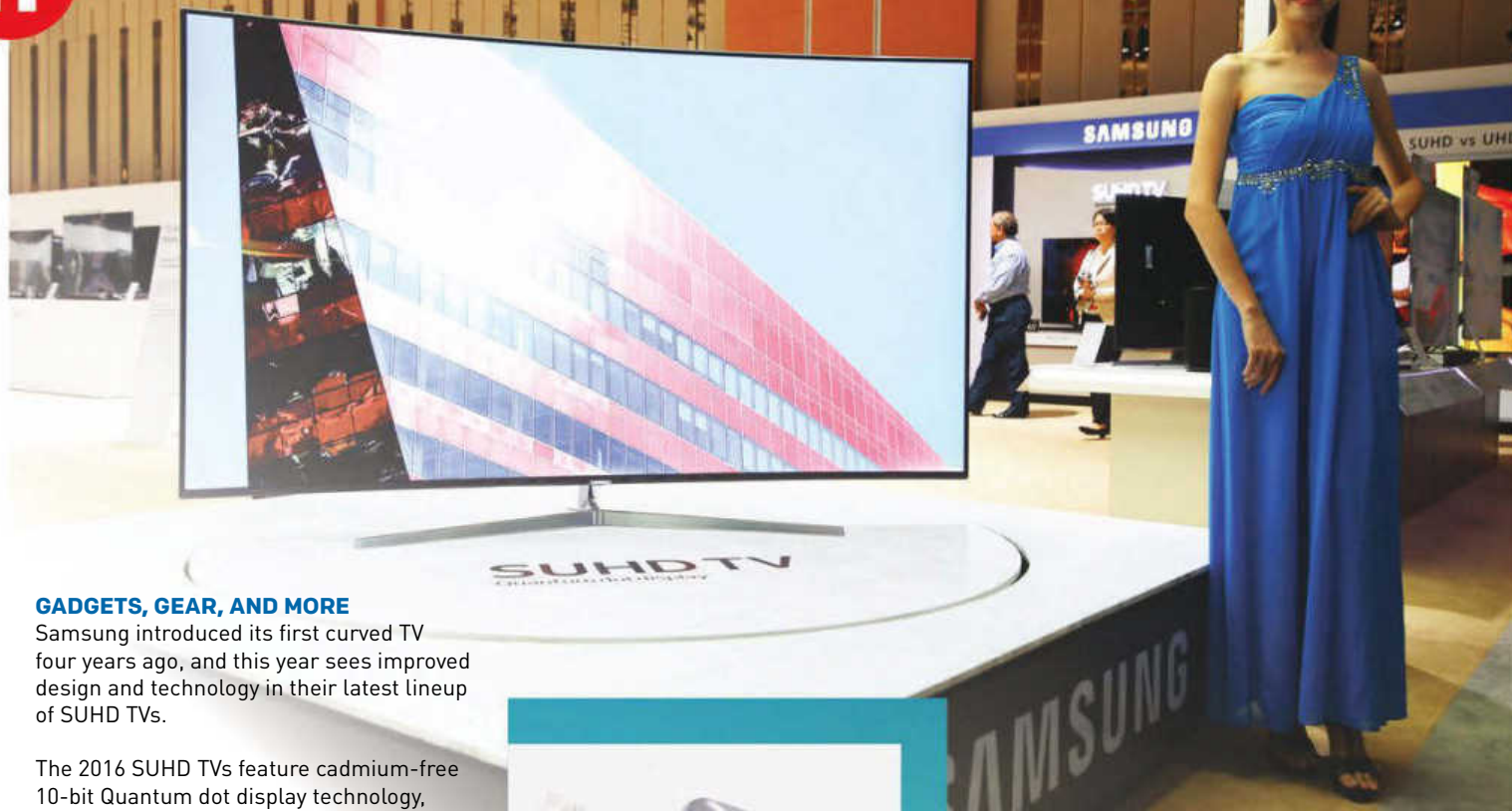
Planning to go on a long vacation but need to keep your food fresh? Switch the RT7000 to Vacation mode so you can keep your fridge turned on without consuming too much energy. Other modes available include Freezer-Fridge, Energy Saving, Fridge Max, and Mini mode.

The **Samsung AddWash**, on the other hand, is a front-load washer with an emergency "access door" that lets you add more clothes—or that stray sock—during the cycle wash without opening the main door. You can also use this access door to add hand-washed items for rinsing, or an additional scoop of fabric conditioner any time during the wash cycle.

Aside from the industry-first access door, the AddWash also comes with Smart Control for easy monitoring of your laundry using your Android or iOS smartphone.



The Philippine contingent



GADGETS, GEAR, AND MORE

Samsung introduced its first curved TV four years ago, and this year sees improved design and technology in their latest lineup of SUHD TVs.

The 2016 SUHD TVs feature cadmium-free 10-bit Quantum dot display technology, which Samsung says is meant to offer optimum viewing experiences regardless of the lighting environment you're in. These SUHD TVs also have a 1,000 nit HDR minimum to provide better contrast between light and dark images. Ultra Black technology, meanwhile, reduces light reflection and enhances picture quality while eliminating glare.

The flagship model—the **KS9500**—is the first bezel-less curved SUHD TV. It's technically not bezel-less, but that barely-there strip surrounding the screen makes it appear so. Adding to the aesthetic appeal is the clean, elegant rear of the TV, which has no visible screws and unnecessary elements. This is a television that's beautiful from every angle.

To go with the brand's SUHD TVs, Samsung also introduced an Ultra HD Blu-Ray player. The **UBD-K8500** is HDR compatible and upscales HD and Full HD content to UHD.

On the mobile devices front, we saw Samsung's entry into the 2-in-1 Windows 10-run market, the 12-inch **Galaxy TabPro S**. This thin (6.3mm) and light (693g) device is powered by an Intel Core M processor and comes with a full-sized keyboard cover so you can type away easily when scribbling on the screen becomes too tedious.



Also on display were two new variants of the **Gear S2 Classic**, one encased in 18K Rose Gold, and the other in Platinum.

Samsung also announced **MySamsung**, an ownership program for Galaxy devices that comes in the form of an app. MySamsung stores important registration information about your device (such as serial and IMEI numbers, as well as date of purchase), and acts as a virtual customer service support. It also provides you with tips and tricks to better use your device. According to Samsung Electronics SEA and Oceania vice president of media solution Nicholas Wodtke, MySamsung users will be able to get perks and privileges such as gifts, promos, and exclusive sneak peeks on the upcoming devices.

Lastly, there's **Samsung Pay**, which lets you use your Galaxy device to pay for your purchases. Register your credit card on your phone, make a purchase, and pay using your phone, which has your details. Anticipating security concerns, Samsung devised a way to make you feel safe. While you need to register your card to your phone, Samsung Pay does not store the account or credit card numbers on the device. Instead, it generates token numbers that contain the credit card and device details. This token number can't be used anywhere else. When the Philippines will get this service remains to be seen, however, as the process is quite complicated. Samsung needs to work with banks, and work within regulations to make using the service a smooth one.





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THE WAY

Speed
MAGAZINE

BIG BOYS PLAY BUILD TOYS

Words and photos **PAT CALICA**

Out-of-the-box build
1/72 F-14A Tomcat
Academy

There are toys you enjoy playing as a kid that would—sooner or later—find space in your cobweb-filled childhood trunk. And then there are model kits, whose relevance seems to transcend time and age for many men.

Model kits easily appeal to a child who finds joy in building tiny replicas of his favorite mechas or superheroes from cutout plastic parts. But model kit building is also an activity that big boys can take up and will not be ashamed to talk about, no matter what their ages are.

Men are lured to the challenge and gratification provided by model kits. It requires patience and an eye for detail, and motivates you to learn more about the history of the subjects you create. On the other hand, it gives you freedom to build, paint, mix and match, and customize with only your creativity as a limitation.



Customized M6
1/100 scale RX-78
Gundam GP01

OUT OF THE BOX

Starting this hobby is exciting and overwhelming, what with the endless array of model kits to begin with. There are scale models for cars and aircraft, action figures of favorite superheroes and video game characters, kits for droids and robots—it's a whole kingdom of mini-possibilities. Therefore, it is important to choose a subject that you're really interested in before you begin a project.

For long-time model kit builder Roginald Samala, his toy of choice is a Gunpla or Gundam plastic model. "*Kasi mahilig na ako sa robots and mechas bata pa lang ako. At madali kasi ang Gunplas for a beginner,*" he said. Occasionally, though, Samala also builds car and plane kits, as well as droids and action figures.

Once you've decided on your model, according to Samala, it is time to research about it and try to learn the basic know-hows. The scale, for example, refers to how much the kit is resized in proportion to its actual size. In a car model, a 1/24 scale means that the model is 24 times smaller than the actual car it is based on. Since they are fictional, gundams' scales are based on the sizes provided on their canon material.

Specific to Gunplas is the grade, which determines the amount of details, mechanics, and parts included in the kit. The High Grade (HG) is recommended for beginners, but there's also the Master Grade (MG), Perfect Grade (PG), Real Grade (RG), and the Super Deformed Grade (SDG), which is the cheapest.



READY, SET, BUILD

Aside from the kits, tools are something you need to invest in. While using makeshift objects salvaged inside your house are acceptable, buying high-quality tools is better, especially if you plan on building models for a long time. Start with plastic nippers, a hobby knife, and a good plastic adhesive, and then build your arsenal over time. Setup a suitable working station where you are able to work freely, and keep your tools and projects organized.

Now that you've completed all the things you need and planned the project you want to do, you can start building your model kit.



For straight builds, all you need is to cut out the parts from the runners (these are the part holders) and put together the parts according to the instructions provided. Some kits need only to snap parts together, while others require an adhesive. If you want to paint the parts, do so before putting them together.

The whole process for straight builds takes three to six hours, depending on the size and number of parts of the model kit. It would take weeks or even months for a project that requires painting, detailing, and other effects.

Word of advice from Samala: "Give your builds an ample amount of time and never rush it. That way, you can work slowly but surely and avoid mistakes that could ruin your build."

PLAY WITH IT

Toys—that's how Samala first viewed model kits when he was in grade school and just starting to discover these contraptions. He still remembers his first Gunpla: a 1/144 scale non-grade Gundam Double X. Back then it was just around P200, yet he had to beg his mom to buy it for him.

His interest on Gunplas waned for some time until he discovered an entirely different way to play with them—by customizing his Gundam builds. Samala studied different painting effects and watched custom Gunpla-building videos on YouTube, and then tried to apply what he learned to his work. He posts photos of his completed Gunplas on various online Gundam groups to get insights from other hobbyists.

His two favorite custom builds—the MG 1/100 scale RX-79[G] Gundam EZ8 and the MG 1/100 scale RX-78 Gundam GP01—were both winners at competitions. The RX-79[G] Gundam EZ8 placed 2nd in the Mecha category in the 12th International Plastic Modelers Society (IPMS) Philippines.

As Samala started to gain recognition for his custom works, fellow builder and collectors began commissioning his service. Now, Samala works full time customizing model kits in his own store in Quezon City.

Imagination helps a lot in his creations. "When I'm making up imaginary stories that I can relate to my custom builds, it helps me have an explanation about the custom equipment and effects I used," Samala shared.

There are a lot of reasons why many men enjoy model kit building. It brings out their creativity and resourcefulness, helps lessen stress, and fulfills their childhood fantasies. Ultimately, model kits not only let the big boys play toys, it gives them the chance to build them, too.

On the shelves Where to get your starter model kits:

1. Several **online sellers** on social media and buy-and-sell sites. Just keep searching.
2. **Greenhills** and **Divisoria** are paradise for model kit enthusiasts. The kits there are cheaper and have a wider selection of models.
3. Well-known toy stores like **ToyKingdom** and **Toys "R" Us** may be more accessible.
4. **Specialty stores** that cater exclusively to model kit building and collecting, where model kit geeks can hang out, too, like at **Plamo Attack Studio** in Quezon City.



Customized 1/24
Nissan GT R 32 Skyline



Batman vs. Superman: Dawn of Justice

Words **CARMELA MARAAN FERNANDO**

OPENS March 26

Superhero vs superhero?

At first it seems more like a clash of super-egos.

It begins when Superman/Kal-El returns to Earth after defending it from General Zod's attack on Metropolis. While he's still widely regarded as an icon of hope, more and more citizens see him as a threat to mankind because of his power and alien roots, as well as his potential for bringing another massive attack on Earth.

The widespread damage from the Kryptonian battle has drawn the ire of a world-weary Batman/Bruce Wayne, who wages a preemptive strike against the Man of Steel for bringing destruction to the planet.

After duking it out in a series of explosive encounters, they eventually team up to fight a greater enemy that threatens the human race. Along the way, they are joined by Wonder Woman/Diana Prince, a 5,000-year-old retired superhero who's tired of humanity's inhumanity, yet still returns to defend people.

This is just the beginning of an alliance that will soon become the upstanding team of legendary superheroes. Meanwhile, one interesting element that has knocked our socks off is the presence of Lex Luthor. With hair. Lots of it. And an equal abundance of arrogance and general peskiness.

Also, a good hero story would only be as good as its villain, and actor Jesse Eisenberg takes Luthor to another level.

Instead of the grandiose senior authority figure, Eisenberg's Luthor is a manic and Machiavellian millennial who's "a narcissist of the first order," as the actor

describes. He veered away from the traditional portrayal of the iconic supervillain as embodied by Kevin Spacey and Gene Hackman, because he anticipates that he is "not going to get favorably compared" with such seasoned actors.

Still, he retains the calculating and destructive core persona that Luthor is known for. He's why Batman and Superman come to blows, pitting one superhero against the other for his personal gain. And how he does it may send a chill down your spine. He is, after all, a highly gifted psychopath.

How the rest of the story unfolds is also just as layered, because we'll get to see Superman, Batman, and Wonder Woman each reveal how their respective powers have turned them into gnarlier, more jaded individuals as opposed to the inexhaustibly morally upright personalities that they're known for. Other superheroes will also surface as the tale progresses, and we're excited to see how they all become united.

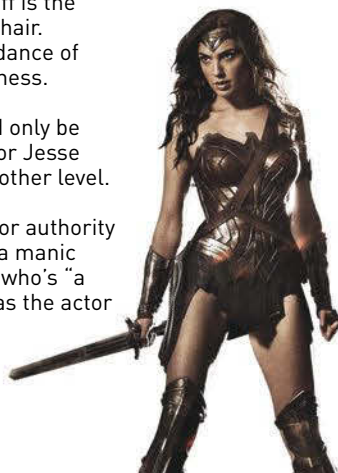
BUZZ FEED

This jam-packed movie is said to be a prelude to a real *Justice League* film. See if your favorite comic book characters make the big screen.

Directed by Jack Snyder, *Batman vs. Superman: Dawn of Justice* stars Henry Cavill as Superman, Ben Affleck as Batman, and Gal Gadot as Wonder Woman.

Joining them are Jesse Eisenberg, Amy Adams, Lauren Cohan, Diane Lane, Laurence Fishburne, Jason Momoa, Jeremy Irons, Holly Hunter, and Michael Shannon. There are rumors that Ezra Miller and Jena Malone will also appear as The Flash/Barry Allen and Barbara Gordon, respectively.

This is a story of personal power: how it corrupts, destroys, separates, unites, and redeems its owners. And when superheroes combine powers against evil, they become completely unstoppable.



Zootopia

OPENS March 2

There's mayhem in mammalia when rookie rabbit officer Judy Hopps (Ginnifer Goodwin) must work alongside the smart-mouthed fox Nick Wilde (Jason Bateman) to save a missing otter. But what happens when the predator-prey team uncovers a greater threat to their city of anthropomorphic animals?

Zootopia is Disney's latest offering to the animated family movie genre. Starring the voices of Idris Elba, Alan Tudyk, J.K. Simmons, Bonnie Hunt, Tommy Chong, and Shakira, it reflects how our individual and cultural differences shouldn't hinder us from living peacefully together. As it is with Disney flicks, you'll laugh, cry, and ultimately, relate.



HAIL, CAESAR!

OPENS March 2

1950s: During the end of the Golden Age of Hollywood,

Capital Pictures' studio fixer Eddie Mannix (Josh Brolin) is confronted with a seemingly unfixable problem when one of the biggest stars of the season Baird Whitlock (George Clooney) is abducted from his home during the filming of his movie *Hail, Caesar!*

While Mannix tries to raise \$100,000 for Whitlock's ransom, he also has to protect other colleagues from public scandal and gossip columnists—unhappy director Laurence Lorenz (Ralph Fiennes) and pregnant starlet DeeAnna Moran (Scarlett

Johannson). He finds a possible way out of the mess when he receives a lucrative but relatively low-profile job offer at an aviation company. But is this what he truly wants?

Also starring Tilda Swinton, Jonah Hill, Frances McDormand, Alden Ehrenreich, Christopher Lambert, Alison Pill, Clancy Brown, Dolph Lundgren, and the lightfooted Channing Tatum (get a load of those tight pants), *Hail, Caesar!* is a comedic take on old Hollywood by brothers Ethan and Joel Coen.

Aside from the punchy gags and outlandish humor, it's also funny that it's a movie about moviemaking in the movie industry, with the same titles to boot. If the premise doesn't reel you in, the glamour and laughs will.



KUNG FU PANDA 3

OPENS March 9

If you enjoyed Po's adventures in *Kung Fu Panda 1* and *2*, then you'll probably like part three even more.

This time, Po (Jack Black) meets older panda Li Shan (Bryan Cranston), who's looking for his missing son. Coincidentally, Po's also looking for his missing father. We know where this goes, but how it gets there is where the fun's at.

With returning cast Angelina Jolie, Dustin Hoffman, Lucy Liu, Jackie Chan, Seth Rogen, and David Cross, plus James Hong, Kate Hudson, and J.K. Simmons, we're expecting another boatload of feel-good hilarity to hit us in the face, hard.



Words CARMELA MARAAN FERNANDO

When Jodi Sta. Maria stepped inside the studio for *Speed*'s cover shoot, we couldn't help but hark back to her days as George Fuentebella in *Tabing Ilog*. The 33-year-old actress seems to only be growing more beautiful and—donning a new pixie cut—younger over time.

STEADY RIDE

J O D I S T A . M A R I A

INTERVIEW BY PAT CALICA | PHOTOGRAPHS BY MARLON PECJO | STYLED BY PATRICIA CORONADO | HAIR JERRY JAVIER
| MAKEUP ALBERT KURNIAWAN



FRINGED MOCK NECK DRESS
BY **PATTY ANG • JEWELRY**
FROM **OCAMPO'S FINE
JEWELLERY**

More than her beauty, what we admire the most about Jodi is how she is able to stay relevant in her industry throughout the years. Perhaps it's her fearlessness to take on big roles and equal willingness to step down as support. Or maybe it's her aversion to be typecast, easily gliding through romantic-comedies, horror flicks, and dramas when need be.

From *Tabing Ilog*, it has been a steady, unhurried rise for Jodi, but one that secures her as one of the most formidable actresses of today.

NO BRAKES

It's been seven years since we last talked to Jodi—during her cover shoot with *Speed* in June 2009 to be exact—so we found the need to ask what changed with her.

"I believe that I've transformed. I think I am more mature now as a woman, as a mother, and as a person. Now I know better my priorities," she said.

And Jodi shows no sign of stopping even after almost two decades in show business. If nothing else, she continues to land projects that show off different sides of her talent as an actress.

After portraying Maya Dela Rosa in the hit *Be Careful With My Heart* series, you played Amor Powers in *Pangako Sa 'Yo*, a role made iconic by Eula Valdez. How did you handle the transition between the two characters?

I was still doing *Be Careful With My Heart* when I got a call from ABS-CBN, [asking] me if I am able to do *Pangako Sa'yo*. I told them that it would be very hard for me to portray both roles at the same time. I believe that when you do a role, your sole focus should be on one role at a time for you to be able to justify the role and bring out the character. They were kind enough to give me the time that I needed to wash off Maya Dela Rosa and to put on my new character as Amor Powers.

What did you do during your break?

Dun sa three months, *unang-una*, I took a rest. And then, our director sat with us *para buhin 'yung bagong* character. They gave us assignments *para gumawa kami ng bagong* character—*kung sino si Amor*, what are her aspirations in life and her dreams, how is she as a sister, as a daughter, as best friend, [and] what are her deepest, darkest secrets.

Many still remember you in the teen series *Tabing Ilog*. Do you feel as nostalgic about your role there?

Not *naman* nostalgic, but I'd say I only have beautiful memories of doing [George's] role. I miss *Tabing Ilog* because of the friendship *na nabuo* while we were shooting in Pagsanjan. *Hindi lang kami basta magkakatrabaho, naging pamilya kami*. Up to this day, I would say *na* those friends that I had when I was in *Tabing Ilog*, *silang pa rin 'yung friends ko* now in show business—*silang Kaye*, Des, John Lloyd, Patrick, [at] Baron. *Kasi sabay-sabay kaming nag-mature eh. Ang dami naming pinagsamahan sa apat na taon*.

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HALTER DEEP BACK DRESS
BY HANNAH KONG • JEWELRY
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You also did a recent MMFF film *All You Need is Pag-ibig*. Will we be seeing you in more rom-com roles?

I really don't know. I cannot be typecast just because I was effective in one genre. At the end of the day, *magsasawa ang mga tao sa makikita nila sa'yo*. Also, to be very honest, as an actor I know I would also run out of antics *na pwedeng ipakita*, and I cannot do the same thing over and over again. Maybe this is my season for doing rom-com, but I know there will be a season also *na [ang] gagawin ko naman [ay] drama or support*.

Have you ever said no to any project before?

Yes. It's because I have my reservations, and there are things that I believe *na hindi* for me. *Hindi naman lahat ng role na i-o-offer is para sayo*. I don't even consider them as lost opportunities. It's simply not for me. *Kung ano 'yung meant na projects para sa akin, ginawa ko at ginagawa ko. Pero 'yung mga hindi*, they're meant for somebody else.

If you didn't get into show business, what could you be doing now?

It has always been my dream to become a doctor; it's really my frustration. *Siguro* I'd be a doctor to the indigent people, a barrio doctor. *Hindi 'yung doctor na nag-wo-work talaga sa hospital*. I want to be the type of doctor *[na] nakababa* with the masses and just offering free service to those people who don't have the ability to pay.



HALTER DEEP BACK DRESS
BY HANNAH KONG • JEWELRY
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The best [thing about traveling] is really the memories we create when we travel, the experience, the bonding. We learn something new about the countries and culture. ●●

WIELDY GEAR

Functional and easy to navigate—these are Jodi's two and only requirements for her gadgets, which is expected for someone who comes off as practical and has a solid grasp of her surroundings. As long as she can send a text message, make a call, or read her emails, she's good to go.

But she has her own cellphone quirks, too. Jodi proudly showed us her screen wallpaper made by her son Thirdy. It's a picture of Jodi and Thirdy, with the words "Love you mommy you're the best. Love, Mui" scribbled over.

Are you the type who changes her phone when something new comes out?

Hindi ako palit ng palit nang phone. Kapag kailangan na talagang mapalitan, that's the only time na papalitan ko. But there was a phase in my life, when I was about 18 or 19 years old—ito 'yung era ng Nokia—lahat na lang ng Nokia [phones meron ako]. 'Pag may lumalabas, what I do is I buy. But at the end of the day, hindi mo talaga makukuha lahat ng gusto mo sa isang phone. There will always be a phone na lalabas na may mas [magandang] feature.

How do you take care of them?

I just make sure that I don't drop it. *Yun lang. Hindi ko naman siya pinupunas-punasan sa gabi. (laughs)*

Neither do we! What are the most used apps on your phone?

'Yung mga devotion apps ko. I have about six or seven applications about prayer and devotion. [There's the] YouVersion Bible—this is where I get my daily devotions. These are the most used apps: Got Questions? if I have questions about Christianity or anything like that; The God Test—if you have a friend who is not a Christian and you want to introduce God to them, you can ask them to take the test so you'd know their knowledge; Praying the Scripture; My Daily Quiet Time; Prayers and Blessings Daily; and How To Pray.

What apps do you use for your work?

I'd say Yahoo! Mail or Gmail *kasi* sometimes *nandun nila pinapadala 'yung mga script namin*. I also have Word [or PDF] viewer so that I can open the file.

How much time do you spend online?

Ngayon less na, especially with social media. Let's say now, it's almost been a week that I haven't opened [or posted anything on] Twitter or Instagram.

Any no-nos when it comes to using social media?

I think if we are going to post something on social media, let's make sure that it is something that will uplift others, or encourage or support them. I believe that just because *may* social media, *hindi siya* venue para *i-air out na lang lahat ng hinaing natin sa buhay*. Let's not forget that we have our families, we have our friends. If we want to say something, there will be people—real people—you can actually talk to, who can give good advice.

How do you handle negative comments on social media?

Kapag may nangba-bash sa akin before, I would really take my time [to] answer them. But then one thing I've realized now is that we cannot control other people. The only person that you have control over is yourself. When someone is inviting you to an argument or a debate [and] *inisa-isa mo silang sagutin*, you're only giving them that privilege to [annoy you]. It's important that you know yourself better than them.

FORWARD AND STOP

"I know *naman* how to drive...but *puro abante*," Jodi said when we asked her about her driving skills. Then, she laughed. We thought she was just pulling our leg, but apparently, it's true. And we're glad we didn't find out from inside her car.

Can you tell us how that is?

Basta 'pag puro abante, okay ako diyan. But if you say na mag-park ako diyan o 'yung mag-reverse? Feeling ko may mali sa coordination ng eye and 'yung motor skills ko. Gusto kong pumunta dito pero sa maling way napupunta, so naguguluhan ako diyan.

I think I just find it convenient having a driver. But actually that's one of my goals: to be able to learn how to drive. It's because [if] I don't have a driver, it limits me somehow. What if there's an emergency at home? There's a need to learn to drive. Hopefully, this year.

Do you have any memorable experiences on the road?

I was 17 years old when I first tried to drive a manual transmission car. *Tulog 'yung driver, so nilabas ko 'yung car* with my friends [and] drove. *Hindi naman ako marunong magtimpla* ng clutch and gas, so *nung umaandar kami, hindi ko natantsa*. I hit a guy *sa arm* [with the side mirror]. I was so scared *kasi group sila* ng 10 people, and I could just hear them shouting. *Inandar ko na lang 'yung car kasi feeling ko kukuyugin ako*. It was a lesson for me also to be more careful and *huwag i-takas ang kotse*.

And we need to be more careful now with the traffic situation in Metro Manila. They even say that in four years, Manila will be uninhabitable.

I pray that the government will do something about the traffic situation. Maybe they can do some serious urban planning *para ma-address din 'yung traffic*. But if we already know that the traffic situation is really bad, then what we can do is to leave the house earlier than usual so that we won't be late for our appointments or our meetings. Our complaints will not do anything. It won't even improve the situation. It will just stress us out.

That's very wise. So, what do you usually do inside the car when you're stuck in traffic?

I read. *Kasi* I hardly sleep during the afternoon. But I listen to music and I read.

Do you like going on trips—whether on road or air?

Yes, with Thirdy. That's one thing we are passionate about. We love to travel. We usually go out of the country.

What are the places you've been to?

Kami *ni* Thirdy, we've been to Thailand, Korea, Hong Kong, and the States. [We've] been to countries in Asia, and *kagagaling lang namin* ng Japan. This year we're going to Africa.

What's the best thing you like about traveling?

The best is really the memories we create when we travel, the experience, the bonding. We learn something new about the countries and culture.

The least thing that you like about traveling is...

Packing. For some reason I never found joy in packing. *Ang kakapal kasi ng mga coat eh. 'Yun lang 'yung issue ko sa packing. Tsaka hindi ako masyadong strategic* when it comes to packing.

What are your most memorable travels?

Of course my trips with my family. But it's always a joy for me to be traveling with Thirdy *lang*. I learn so much about him. I also discover a lot about myself when we travel together. Since it's his passion to travel, whenever we travel, I can see his excitement [and] joy *na* we're off to another adventure. That for me is priceless.



TUBE DRESS BY
PATTY ANG •
GOLD CUFF FROM
OCAMPO'S FINE
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IN-BETWEEN BREATHERS

On her last cover with *Speed*, Jodi brought her then three-year-old son Thirdy to the photo shoot. This time, however, Thirdy is missing in action.

Do you still bring Thirdy with you to work?

Not anymore, unless he wants to go with me. I always ask him to [if he wants to go to] work with mama. If he says no, I respect that. If he say yes, then good *di ba*? He goes to school *na rin eh*, and *anong oras natatapos ang taping*. I don't want him to be tired and *mahirapan gumising* the following day.

How do you keep in touch with him when you're staying late at work?

He has a phone for communication purposes. I call him every now and then. Or he calls me. I ask him *kung kamusta 'yung school*, if he's done with dinner, if he's done with his homework.

During your free time or on weekends, how and where do you unwind?

Usually on a Saturday, what we do is we eat out—me and Thirdy. Or sometimes *sa bahay lang kami*. We will just relax at home and have some friends over—his friends or my friends. On Sundays, we go to service and [then] have lunch and go home.

What's your ultimate stress reliever?

Meditation. When we are stressed out, it's because we're too focused on the stressor or the problem. Why not focus on the good things that we have and our blessings. It's important to learn how to shift our focus so we won't get stressed too much.

Any hobbies or sport?

Right now, *wala*. My time does not permit me to have one.

[But] what I want to do after *Pangako Sa'yo* is to enroll in a Zumba class. I really want to dance and dance and dance. It will also help me keep fit. I have already adjusted my diet. But I also have to strengthen not only my muscles but also my cardio, my stamina.

Aside from improving your driving skills and taking Zumba classes, what other activities are on top of your 2016 Bucket List?

To be able to scuba dive. That is something that I'm really contemplating on, *kasi* I'm a bit uncomfortable [underwater]. *Medyo claustrophobic ako*.

What a solid list so far! We're sure you can pull it off. Based on all your stories, we know that Thirdy has all your attention. But for the sake of conversation, how does a grown man win your attention in a crowded room?

Maybe [with] his wits and sense of humor. I would be a hypocrite if I say okay *lang kahit hindi gwapo*. It's a plus, *pero* there's more to that.

What should a man do and not do on a first date?

It's important to be themselves. No more putting the best foot forward *na gagawa ka ng extra effort para magustuhan ka*. Sometimes when you try to impress a woman, at the end of the day, *lalabas at lalabas din naman kung ano 'yung natural mo*.

What's the sweetest thing a guy can do for you?

'Yung mga simple lang, mga "How are you today? Just checking up on you." For me that is a sign that they thought of you and that you have crossed their mind. I think I'd find it sweet if a guy would say to me: "I prayed for you today."

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NATURAL BORN LEADER

**RENATO "RENE" NUÑEZ,
PRESIDENT OF CATS MOTORS, INC.**

surprises not only with his admirable work ethic and humility but also with his candidness, generosity, and of course, love for everything cars.

Words **ARITHA ZEL ZALAMEA**
Photos **ANTONIO JOSE GALAURAN**



It is a common misconception that a person who has seemingly unlimited resources, not to mention an enviable position in the industry, would act as if he owns you, your friends, and the whole room. But the most successful people—and the most genuinely loved—are the most grounded and possess the greatest humility. They are very few, yes. But fortunately for us, Renato "Rene" Nuñez, despite his imposing physique, is one of them.



I have to make sure the customers are satisfied before I provide myself the satisfaction.



RENE NUÑEZ



Lesson 1: Work ethic

When speaking to someone who has worked his way to the top and now stands at the helm of a premium international brand, the obvious question is: what is your leadership style like?

"Strict. Very strict," he said.

I saw myself sitting up straighter, along with everybody else—CATS' Assistant Manager for Advertising and PR Ronald Cruz and *Speed's* Editorial Associate Antonio Jose Galauran—in the room.

"I have a very low tolerance for mediocrity because I would like people to excel. But beyond that, I share what I know, and I want people to learn from their mistakes. But I always tell them, 'You're good up to three mistakes only. The first mistake, you're good. The second mistake, you'll hear a bit from me. The third mistake, I need something on my table written in black and white or you might be leaving the company already.'"

To him, that's part of cleaning up the company and what he needs to do to get to the legacy that he wants to build as president of CATS: to see brands such as Mercedes-Benz, Chrysler, and Jeep on the road, service them, and make sure they are road-worthy.

Despite his reverence for the brand, he said that he loves Mercedes-Benz cars "more for practicality reasons," arguing that, yes, it is expensive to fix and buy parts for, but after that, they don't break down and will serve you longer because they are well-engineered.

Lesson 2: Humility

He, however, confessed that before all the interviews came about, he never considered himself a car collector. He just loves cars. In fact, one of the reasons he retired from the gaming industry (pointing out that you retire from an industry but have to always do something) was not being able to enjoy his cars and what he has saved up. Now that he's less tired and stressed, he gets to tinker with his cars again. On Sunday mornings, he drives with his son to Nuvali or Tagaytay, or to the north if he needs to stretch the cars.

"All the cars that my family had since the '70s are all there. When you hear the number, it's quite many, but some of them have been with us for 40 or 50 years already. It's not as if I just woke up one day and wanted to collect all these cars. I never just considered myself a collector. [I'm] someone who just loves cars very much," he said.

This gave us the opening to finally deal with the elephant in the room. "So, what's the number?" I asked.

He said "I forgot *eh*" and then laughed. But he won't get away that easily.



The Mercedes-AMG GT S on display at the Mercedes-Benz Greenhills showroom.

He can make you laugh with ease, but more notable is how the freshman president of CATS Motors, Inc. (dealer of Mercedes-Benz, Chrysler, Jeep, Dodge, and RAM in the Philippines) teaches the same values to his children, who get transported to school in a 12-year-old Volvo and an Innova. His 16-year-old daughter will only be allowed to bring a car to school when she reaches college, while his 15-year-old son will have to start with "normal cars" when he gets to legal driving age.

This is in stark contrast with the many children (and adults) who possess a huge sense of entitlement and not appreciate what they have—especially when many others have very little or none. And so, when he said that he treats his employees as his children, I imagined that working under him meant helping the company grow while you grow with it as a person.

This made me realize one thing early in the conversation: this wasn't going to be just another interview. It was going to be an important lesson in life, so I needed to pay extra attention. I suggest that you do the same.





"Only the Mercedes-Benz cars," I prodded.

"More than 50," he said, and then admitted that he wasn't comfortable talking about it because "people have a different impression when you say you have 50 Mercedes-Benz cars."

"Should we not publish that?"

"No *naman*. Fifty I think is acceptable." But after a quick pause he added, "You can put 'more than 50' so I'm not lying," sending everybody, including himself, laughing at his obvious ambiguity.

Lesson 3: Authenticity

As for being a car guy, Nuñez is the real deal way before it even mattered, and he already enjoyed access to the brand prior to joining CATS. But surely his new post came with advantages and disadvantages.

"Perks? Having all the news first-hand," he said. "Of course, the disadvantage is not being able to use my non-Mercedes, non-Chrysler cars."

He can still drive them. That was the first thing he asked his predecessor Felix Ang, President of Auto Nation Group (distributor of Mercedes-Benz in the Philippines). Once he joined CATS, however, he realized that someone could take his picture while he drives, say, a BMW and post it on Facebook.

He has devised a clever answer to that: "You know, I have to test the competition. Because if I don't test the competition, how can I make sure that I bring in the right products?"

He still drives them—only his older BMWs, that is. "I think it will be awkward if I use the newer ones. So, if you want a BMW, I'll sell you my BMW," he said, laughing.

I laughed with him, despite knowing I couldn't afford to buy it. But, back to his Benzes.

"Which of your Mercedes-Benz cars has the most interesting back story?" I asked.

"My second Mercedes, which is a 1980 300 Turbo-Diesel. It's a station wagon that we used to bring on family trips, and it eventually got handed down to me. It is the car most identified with me. When other people would see that car, they know already: 'O, Rene's here.' That car would be one of the last to go if I need to sell cars," he said.

Nuñez loves driving his two-door Benzes the most—the coupés—in particular, the CLK63. As a passenger, he loves riding all his S-Class cars, although he had always driven himself until three years ago. However, he is still the only person allowed to drive his classic cars, partly because they have "habits."

Winding down the interview, I asked for us to play a little game, where I give a scenario and he tells which of his Mercedes-Benz cars he would use in it. He confessed writing his answers ahead on his print copy of the questions I sent.

Man, he was ready for me.



Every quarter, Nuñez brings one of his own classic Mercedes-Benz cars to display at the Greenhills showroom.

Braving Metro Manila traffic on a Monday: S500. Even if you're in traffic, it's very comfortable and you don't hear the things that happen around you, so you get to answer emails, answer calls. It's basically my office in the car.

Dining at a fine restaurant on a special occasion: SLS

Letting off steam alone: SL55. It's fast and it's convertible.

Gracing a Mercedes-Benz media event: S500. As president of CATS Motors, arriving in a non-S-Class at an event would be less likely. I have to espouse who I am as president. It was hard when I started because sometimes I enjoy driving my old Lancers, my old Corollas.

Sunday get-together with the Mercedes-Benz Club of the Philippines, of which he was president: It should be a classic. Classic to me is 15 years old and older.

Having late night chitchat with car friends: I would bring a Pagoda 280SL or maybe the [1969 Mercedes-Benz] 600 that my daughter wants to bring to the prom.

Showing off your driving skills: CLK63. Only because it helps me be a good driver. It's so good in handling and everything, so even if you're not so good, it makes you appear like you have good driving skills.

With these many Mercedes-Benz cars, and such a strong love for the brand, you would think that Nuñez is his biggest customer, and so I had to ask, which brings us to...

Lesson 4: Customer service

He answered my question with a story about his son seeing the Mercedes-AMG GT S on display for the first time at the Mercedes-Benz Greenhills showroom: "He said, 'Pops, are we getting the AMG GT?' I said, 'No.' He said, 'Why? You should buy it; you're the president.' I said, 'We have to sell to the customers first before me.' So, to answer your question, no, I am not [my biggest customer]. I have to make sure the customers are satisfied before I provide myself the satisfaction."

"I thought you get first dibs," I said.

"No, *baliklad*. Last. *Kahit anong pag-aari mo na negosyo, huli 'yung sa'yo. 'Pag may restaurant ka, huli kang kakain. 'Pag may talyer ka, huling gagawin 'yung kotse mo. 'Pag may patahian ka, huli 'yung damit mo. So, ganon din dito. 'Pag nabentahan mo na lahat, sige pwede ka nang kumuha. So far, lahat ng pinapadating natin na kotse gets out the door.*"

"So, you don't get any?"

"No. *Walang biro*," he said, and added with a laugh, "'Tsaka okay na yun diba? Ang dami na rin eh."

Touché. But his huge car collection aside, the wisdom he shared with us was worth so much more than any classic pure stock Mercedes-Benz. Those 60 minutes were filled with lessons (as well as genuine laughter and bantering) one would've otherwise needed 60 years to learn—and of course, off-the-record tidbits that only the people in that room would ever know.

GEEK-SPOTTING

Meet the geeks. No, they're not the eyeglass-wearing, backpack-carrying, socially awkward people who pop culture has molded into a bad stereotype. They are the experts and enthusiasts who show an inordinate amount of passion for a certain field, topic, or activity.

Speed scours the streets for these different types of geeks—from intellectuals to die-hard aficionados, from professionals to devout amateurs. They are aplenty, and we aim to showcase what a special bunch they are by featuring a select few one issue at a time.

LORZ ALDEA
Project Coordinator,
Department of Labor
and Employment



LUIS MICLAT
Administrative
Assistant V, Commission
on Muslim Filipinos



What types of transportation do you use to get around the city?

I do fieldworks to meet my clients. My primary modes of transportation are jeeps, buses, and the MRT. Grabcar/ Uber are options as well for private area pick-ups. For leisure, I use the bus. I live in Cavite, so it's the most convenient way to get to Manila, while jeeps are also here for short-distance trips.

How do you beat the traffic?

I try to wake up as early as 4 a.m. to be able to leave home around 5 a.m., especially on a Monday. [Before] going home, especially on Fridays, I kill time *para iwas* rush hour.

What do you say to yourself to control road rage?

"*Late ka nagising diba? Kasalanan mo 'yan. Wala kang karapatan magreklamo.*" Haha. I usually just put on my earphones and turn on my music, and sleep whenever I have the chance.

Is there anything you would want to see differently on the road this year?

More of a systematic and efficient public transportation system. I could care less about the roads. They're fine *pa naman*, although *'yung ibang* part *malubak*.

How active are you on social media?

Very active!

Transportation/navigational apps that you use:

Uber and Grab. Waze to see how bad the traffic is and the ETA to my destination. They're very helpful apps.

Everyday gadgets that you can't leave home without:

The usual is my cellphone. Everything's here, so I don't need anything else. I do have a tablet for the office, so I bring that, too, and my earphones for music.

Top three gadgets on your wish list:

GoPro, Instax, and a Mazda 2

What's on your mobile phone wallpaper?

A photo of the sea, taken on the outskirts of Cavite



Tell us a bit about your work and daily grind.

I work at the National Commission on Muslim Filipinos as a writer. I write letters, speeches, memos, reports, and whatever needs writing.

Do you drive?

Yes. We have a 1999 Hyundai Excel. I usually drive only once a week and around the neighborhood, since the car is too old for long drives.

How do you maintain your car's condition?

The car needs to be turned on at least once a day so that the engine doesn't get cold and die. When this happens, a mechanic takes a look at it.

How do you maneuver around Metro Manila traffic when driving?

Veery defensively

What mobile apps do you use for driving or getting around traffic?

Waze, Google Maps, Grab/Uber, and music player to keep me sane

What etiquette should every driver follow on the road?

Keep calm and give way. No matter how many drivers cut you off, assume that everybody is an insane road rager. And don't let the situation escalate.

What is your dream car?

Realistic dream: Mazda 2/3/CX-5/6. Not so realistic dream: A Mercedes-Benz.

What gadgets do you own and use on a daily basis?

PlayStation 3, Sony Xperia Z3 Compact, and Sony VAIO laptop

Which of these gadgets do you consider your favorite?

My phone would be my favorite. It's not vital, but it really helps.

What's on your gadget wish list?

PlayStation 4, Dell XPS 13, and Sony Xperia Z5 Compact

How can we solve the terrible traffic in Metro Manila?

Move everyone out of Metro Manila, destroy everything, and rebuild the whole region with great, future-proof urban planning, and with a subway system like the one in Hong Kong or Singapore. Bus and jeepney drivers should also have set salaries in order to encourage punctuality and prevent them from trying to steal each other's passengers by driving like homicidal maniacs.





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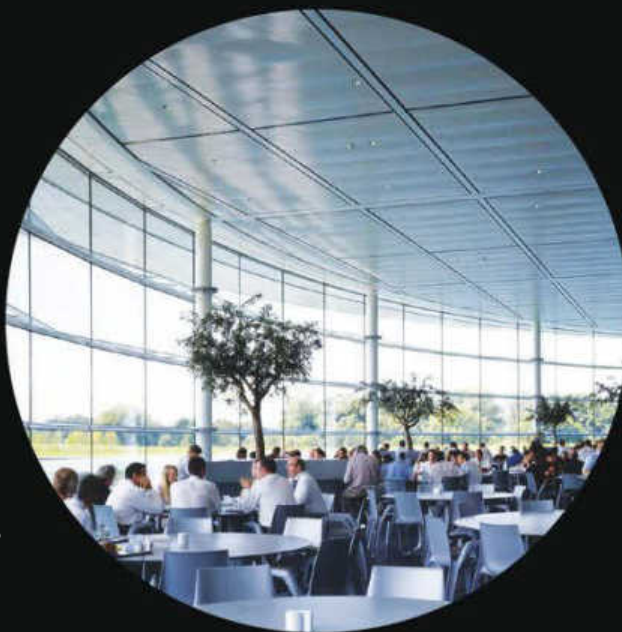
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DID YOU KNOW?

**McLAREN'S HQ,
A.K.A. McLAREN
TECHNOLOGY
CENTRE (MTC),
IN SURREY,
ENGLAND IS NOT
ONLY STUNNING,
BUT IS ALSO A
SUSTAINABLE,
ECOLOGICALLY
FRIENDLY PIECE
OF ARCHITECTURE.**



Sitting on a 500,000sqm land, the MTC favors natural over artificial lighting, which explains the building's gigantic glass façade. In the areas that sunlight can't reach, the facility uses metal halide and LED energy-efficient bulbs. The roof uses a high-pressure drainage system to collect rainwater, which is then used to refill the artificial lake. This lake, in turn, helps keep the building cool.

manual

CAN YOU TRACK AIRPLANES WITHOUT RADAR?

Yes, the new ADS-B system says so.



VAL J. GONZALES

On March 8, 2014, Malaysian Airlines flight MH370 silently disappeared from aircraft trackers around the Gulf of Thailand. It became one of the biggest mysteries in modern aviation since Amelia Earhart disappeared in the Pacific Ocean, and the five torpedo bombers vanished in the Bermuda Triangle.

Investigators attribute these unfortunate events to either human error or instrumentation faults. However, in this modern age of aviation, a commercial plane cannot just disappear off the radars. That's why lots of aviation experts and *Lost TV* series fans pitch in their best conspiracy theories.

Aviation electronics

The communications, management, and display systems of all modern aircraft simply cannot function without aviation electronics or avionics. The Aircraft Electronics Association reports that the avionics market registered \$1.774 billion sales in 1Q-3Q of 2015 alone.

Part of the reason in the boost in sales could be the U.S. Federal Aviation Administration's (FAA) mandate that by January 1, 2020, every aircraft flying through U.S. airspace must be equipped with Automatic Dependent Surveillance-Broadcast (ADS-B) avionics, or be denied entry. Canada, Australia, Hong Kong, Singapore, Vietnam, Indonesia, and Taiwan have already made it mandatory.

What is ADS-B?

ADS-B is a green technology that makes flying safer than ever. It directly benefits pilots, air traffic controllers, airport managers, airport technicians, you, and me. It could replace the conventional radar as a source of information in the efficient management of air traffic.

When air traffic management reaches that level of efficiency, it could collectively minimize airport congestion, reduce noise pollution in nearby areas, and cut fuel emissions and costs. Hence, the green tag is being marketed.

Like your home routers, ADS-B has two services: ADS-B (IN) downlink, and the



ADS-B (OUT) uplink. It means that you can use the system to both upload and download data.

As of the moment, airplanes are not yet required to install ADS-B (IN) devices. However, if a plane is equipped with ADS-B (IN) receivers, the pilot can enjoy the following feeds from ground stations:

- **The Weather Channel.** Maps of rainfall and thunderstorms within 250 nautical miles are available for the pilots. Wind speed, wind direction, and present temperature are also broadcast on the same channel. The feeds are updated every five minutes.
- **The Traffic Channel.** Information about the whereabouts of other planes in the area makes flying safer. Added visibility and situational awareness mean that pilots can see and plan better maneuvers in cases when the traffic controller is unreachable.

While the device costs a few thousand dollars, the feeds are made freely available by the FAA while in U.S. airspace.

On the other hand, ADS-B (OUT) is mandatory. The ADS-B (OUT) transceivers are mounted on the aircraft and integrated with the internal circuitry. It broadcasts vital information that air traffic controllers need to manage the airspace.

Every second, the transceiver calculates its position based on GPS satellites, and computes ground speed and altitude. The information is then broadcast on a 1090MHz open channel (yes, unencrypted), along with the unique identification of each aircraft: make/model, route, ETA/ETD, registration, and radar ID.

Any ground station equipped with ADS-B receivers can understand, interpret, and relay the information to other stations. The range that information can reach is

tremendously increased based on the network of ground stations. Include the internet into the discussion and imagine the results.

Build your own ADS-B ground station

Yes, you can build your own ground station if receiving a stream of never-ending characters through radio is your idea of fun.

Materials:

- Raspberry Pi (all models)
- 4GB SD card
- ADS-B USB stick (a DVB-T terrestrial receiver capable of handling 1090MHz signal)
- a good 1090MHz antenna
- software to receive and process ADS-B information
- internet connection
- an online flight tracking server

Steps:

- 01** Make sure your RPi has a good, working operating system. I recommend a Debian-based distro.
- 02** Configure the RPi to connect to the internet. You can do this via an Ethernet cable or a wireless USB dongle.
- 03** Plug in your ADS-B stick to the RPi. I like it cheap so I got my stick from shop.jetvision.de. Better sticks are out there.
- 04** Connect your antenna to the ADS-B stick. The indoor antenna that comes with the stick I bought is weak, so you might want to get a more expensive and powerful one.
- 05** Choose your own online plane tracker. Google them. So far, we've got FlightRadar, PlaneFinder, PlanePlotter, etc. Each has its own app and pricing models. Some even provide free access if you upload your data to their servers.
- 06** Download the script provided by the plane tracker and install it.
- 07** Position your antenna as close to the sky. Don't overdo it.
- 08** Run the script and imagine yourself a hero for your great contribution to humanity.

Now you see why they need to replace large radar stations with ADS-B ground networks. It's plain to see that building the latter is easy to maintain, portable, and not expensive.

Our 2020 vision of the skies is clear.

CLEAN YOUR CAR AT HOME

Words **JOHN SOSMEÑA**



There's an old saying about cars and their owners: the trick to knowing your car best is by washing it from top to bottom.

For car owners living in cities that never sleep, a few buckets of water and the trusty chamois may be enough to get them through the weekly drive-grind, but doing so could mean unwanted damage in the future. Gear up for some good man-and-machine therapy and clean your car like a pro with these golden tips of the trade for that longer-lasting luster and head-turning shine.

Materials

- car shampoo
- chamois or microfiber cloth
- foam brush
- toothbrush
- vacuum
- car polish
- car wax
- sponge
- glass/window cleaner

Body

Give the car a nice good soak with water, and have the shampoo-water mix ready in a bucket. Start on the roof and work evenly downward until you reach the tires. Use a sponge to clean the whole body with soapy water. Rinse and wipe with a microfiber cloth.

Once dry, apply the wax—whether cream or liquid—and start wiping by hand. Wipe with a good amount of force so that it dries evenly and spreads out more. To preserve the paint and shine, apply the wax and polish generously over the car.

Dos

- Invest in good materials.
- Wash the car yourself and know it by heart.
- Take your time so that you can do it right.

Don'ts

- Clean your car under direct sunlight. Unless you want your soap to dry fast and have all those marks all over your car.
- Use acid-based cleaners for your rims. Stick to the friendlier products. Having your wheels oxidize or rust is not a pretty sight indeed.
- Make an inexperienced person wash your car. It's your car, so it's your job to know what happens where.

Windows

Raise your wipers when you start wiping the windshield. On all glass surfaces (e.g., windshield, windows), use the glass cleaner and microfiber cloth. Rinse with water and wipe.

Tires

Use a sponge that's a bit more abrasive and scrub away at the mags. Get in those tighter corners to get rid of the dirt and grime that can get stuck in between, and don't forget about the housing!

Interior

Use a vacuum cleaner with a long and narrow nozzle to get into more corners and holes. A foam brush for the air con vent saves you some time and energy. And don't forget to remove the carpets and floor mats or else dirt will just creep back inside.



Cleaning alternatives

- **Olive oil.** For polishing leather and dashboard surfaces
- **Baking soda.** Mix into water for a handy solution for cloth stains on your seats
- **Toothpaste.** Mix with water for buffing cloudy headlights
- **Baby wipes.** For express window cleaning
- **All-purpose cleaner.** Dilute in water and scrub stained seats and car fabric.

KNOW WHEN TO USE PREMIUM GASOLINE

Words JOHN SOSMEÑA

Before you start jumping on the bandwagon of using only premium-grade fuel on your everyday car, find out the truths behind it and rethink your strategy on fuel consumption and efficiency.

What is premium-grade fuel?

Premium gasoline is defined by the Research Octane Rating (RON), a number that's shown beside the type of gasoline. This is a measure of the fuel's performance on the engine, so the higher the RON, the better the performance. Premium gasoline comes in handy when you need that extra kick all the way. It gives your engine extra power when going off-road, and makes driving smoother.

Does that mean getting the highest RON is what my car needs?

Not really. High RON numbers are for vehicles that require high compression ratios. If your car engine isn't like a sports car's, which ignites air and fuel on a higher level, then a suitable amount of RON is fine.

What is considered "suitable" for my regular car?

Usually, the fuel recommendations are found on your car owner's manual. It's very important to note that if it recommends a RON number, do not pump gas lower than that. Otherwise, your engine can start knocking and pinging, and that can really damage your engine in the long run.

Sure, it sounds fancy to say that your machine is pampered with top-tier petrol, but does your car really need it? What does premium gasoline do anyway?

Knocking and pinging? Please expound.

These are the sounds that your car engine makes when the spark plugs don't ignite properly and the pistons move unevenly. This is because the car's cylinders aren't igniting and burning at the normal rate. Always make sure that your petrol's RON is within the recommended amount.

It is then better to use gasoline with higher octane ratings, right?

Generally, it is considerably better since higher-octane fuel prevents pinging and knocking. Think of it as protection for your engine against these kinds of problems. This doesn't mean that you'll have to stay at the premiums all the time. Regular gas can still do the trick for you.

So, regular gasoline is fine?

It depends on how you use your car. If you race (legally, of course!), or like going off-road, then premium gasoline definitely helps. Otherwise, regular gas is perfectly fine for city driving—and yes, even driving to Batangas, Bataan, Baguio, and the like.

How would I know if I want premium gasoline in my life even if I don't need it?

It will be your own preference. Start by doing trial runs with your car. See how city and long-distance driving with both types of gas fit to your liking. After all, it depends on whether or not you can afford premium gas all the time. You can just stick to regular gasoline while the situation doesn't call for the premium variant.

RON ratings in the Philippines

Shell		Caltex		Petron				Total			Flying V	
V-Power Nitro+	FuelSave	Silver with Techron	Gold with Techron	Blaze 100 Euro 4	XCS Euro 4	Xtra Advance Euro 4	Super Xtra Gasoline Euro 4	Protec	Premiere Unleaded	Regular Gasoline	Rush	Thunder
 99 RON	 91 RON	 91 RON	 95 RON	 100 RON	 95 RON	 93 RON	 91 RON	 95 RON	 93 RON	 91 RON	 97 RON	 95 RON

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TIRE TALK

Words **KATRINA RIVERE-DIGA**

Tires carry a wealth of information on their sidewalls, and as a responsible car owner, it's imperative that you know how to read those letters and numbers. Understanding the tire code will make it easier for you to install the right tires on your vehicle, which is important to the overall performance and safety of your vehicle.

Where to find manufacturer-recommended tire size:

- owner's manual
- inside your glove box door
- driver's side door jamb
- within your gas tank hatch

Type of vehicle it is designed for. 'P' means passenger vehicle, including sedans, minivans, and SUVs. (Others: **T** – temporary spare; **LT** – Light Trucks; **ST** – Special Trailer)

DECODING THE CODE

This is the aspect ratio or the height of the sidewall from rim to tread, expressed as a percentage of the tread width. Tire makers calculate the aspect ratio by dividing a tire's height off the rim by its width. A lower aspect ratio indicates a shorter sidewall, and a higher aspect ratio indicates a taller sidewall.

This number is the rim/tire diameter in inches. The tire in our example would fit a rim with a 15-inch diameter.

Speed ratings indicate the maximum speed recommended by the manufacturer. In this case, **V** means you shouldn't go over 149mph. Here are some common letters used:

- L** = 75mph
- S** = 112mph
- T** = 118mph

This letter indicates the internal construction of the tire. **R** stands for radial construction, which is the most popular type of tires sold today. **D**, or diagonal construction, is a type of tire construction usually designed for light trucks or spare tire applications.

This is the load index, which indicates how much weight (in pounds) the tire can support when fully inflated. This number doesn't mean the tire can carry 82 pounds, however; the number corresponds to a specific load capacity listed in an index.



Heads up!

"Hair loss runs in our family, too, even if it sometimes skips a generation. My brother and grandfather both lost their hair, but my dad still has a full head of hair at 87. I just wanted to make sure I take control of my symptoms. Now, I use NOVUHAIR everyday, and I've noticed that I don't shed as much hair as I did before, especially after toweling my hair dry. And my hairstylists noticed it, too. I love using NOVUHAIR because it has this minty, cool effect that makes me feel like my hair is always clean and fresh."

- Gary Valenciano

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MAKASISIGURO GAMOT AT LAGING SAGO

WANTED: VIDEO EDITING MACHINE



Q

Hi, Speed!

I'm currently looking for a good laptop that I can use for video editing on the go. Do you have any recommendation on what I should buy? Thanks and more power!

+

A

Hi, Ariel!

Gone are the days when digital video editing meant working with giant desktop towers with ultra-expensive computer parts. Today, some powerhouse laptops can do the work as well as their desktop counterparts, which means video editors are no longer tied to their desks in their dark, dreary offices. With powerful laptops, they can edit on the go.

We know not just a few who swear by their Apple MacBook Pro with Retina display. They're the best in the Apple laptop line. You can choose between 13- and 15-inch flavors with a variety of specs.

On the other hand, if you're a Windows user, Dell makes some robust machines like the XPS 13 or 15 and the Vostro series.

Whatever you decide on, make sure that you get a laptop with hardware that can keep up with your needs. That means no less than an Intel Core i7 processor, at least 8GB RAM (the higher, the better!), an excellent graphics unit, a huge storage, and a good display. Your budget and your existing workflow should also come into play.

And to test how good your onboard sound card is, here's an **Urbanears Active Reimers** worth P2,150 from Digits Trading. It's great for the gym, but we're sensing that with your new computer, we won't be seeing you there anytime soon.

Ariel Jebulan



UPHILL BATTLE

I'm on the market for a new car. I keep seeing new features that promise to make driving easier and safer. One of these is called Hill Start Assist. What does it actually do? I'm a fairly competent driver. Do I really need this feature?

Mike Zapanta

Ever had that anxious feeling when your car is stopped on an incline and you have to start moving again? You know what I'm talking about—that scary moment when you switch from brake to gas in an automatic transmission or clutch/brake-to-gas/handbrake in a manual, and you say a prayer that you don't roll backward and end up in a fender-bender with the car behind you.

That's where Hill Start Assist helps. Also called hill start control and hill hold, this feature helps prevent roll-back when starting up again from a stopped position on an incline. The system consists of a number of different sensors, an electronic control unit, and a brake actuator, which all work together to sense when the car is on an incline. It holds the brake for the driver while they make the switch to the gas pedal.

While not a necessity, this is a convenient feature that promotes safety and makes driving less stressful.



ANIMATED WALLPAPER

Hi, there!

I love my iPhone 6s' Live Photos feature. My most favorite Live Photo so far is that of my 3-year-old daughter blowing me a kiss. Is it possible to use that as my phone's wallpaper?

Mommy Aimee

Hey, Mommy Aimee.

We agree. Live Photos is a cool feature, and you can definitely keep your favorite one close at hand by turning it into a wallpaper (or even a lock screen) for your iPhone.

Here's how you can add personality and dynamism to your phone:

- Go to Settings.
- Tap Wallpaper and select "Choose a New Wallpaper."
- Tap Camera Roll and select the Live Photo you want to set as your wallpaper.
- Make sure the "Live Photo" option is selected. If you select Still or Perspective, you won't get the effect you desire.
- Press down on the screen. You'll see how the photo will look when it animates.
- Tap Set and choose Lock Screen, Home Screen, or Both.



Wave
89.1

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Hassle-free cloud-based solutions and applications are now within reach as Globe Telecom, in partnership with AppDirect, a global commerce platform for selling cloud services, launched Globe AppMarket.

This portal lets business customers find, try, buy, and manage essential business solutions in one place with one bill and one login. It offers a collection of Software-as-a-Service (SaaS) applications such as CRM, Web Conferencing, Marketing/eMarketing, and Online Storage.

Partnering with AppDirect's robust, enterprise-grade platform will securely handle every aspect of cloud services monetization and management for Globe, including provisioning, billing, product integration, identity and access, and application management," said Mike Frausing, Globe Senior Advisor for Enterprise and IT Enabled Services.

Weriell Mallari, a student of Tarlac State University, had the distinction of winning two grand prizes in Painting. His work, *Libre Lang Maging Masaya, May Sukli Pa* won a grand prize in the oil/acrylic painting category, while *Basaan sa San Juan* earned a grand prize in the water-based painting category.

Other Painting (oil/acrylic) grand prize winners are Wencyl Ureta and Modesto Samonte Jr. In the Painting (water-based) category, the other grand prize winners are Eric Perreras and Arman Jay Arago.

The six grand prize winners in Photography include Jenevie Estrella, Joel Policarpio, Reyjie Baluyot, Vincent Gerard de la Rosa, Jana Patricia Padre Juan, and Jal Valdez.

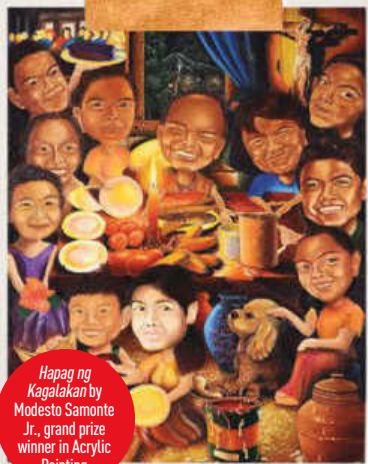
Rizzelle Mae Santiago, Vyankka Balasabas, and Anne Catherine Malazarte took home the grand prize in the Video Making category, while Ejem Alarcon, Jonathan Villalobos, and Deo Carlos Amarante bagged the three grand prizes in the T-Shirt Art Design category.

The winning artworks will be featured in Petron's corporate gifts and merchandising materials for 2016.



Amigo by Reyjie Baluyot, grand prize winner in Photography

Petron names Vision Petron 2015 winners



Hapag ng Kagalakan by Modesto Samonte Jr., grand prize winner in Acrylic Painting

On its 15th year, national student art competition Vision Petron challenged students nationwide to turn the theme "Lakbay Kasiyahan: Our Journey of Happiness" into art. The goal: to highlight the cheerful character of Filipinos, who have proven to be among the happiest people in the world.

Epson, SMART Technologies make learning more fun

Epson and global collaboration solutions provider SMART Technologies Inc. recently announced a partnership that allows Epson to bundle SMART Notebook software with Epson interactive projectors for education models worldwide.

This agreement allows educators around the world to use Epson interactive projectors with collaborative learning software to create visually compelling, engaging, and interactive learning experiences.

"We're delighted to extend the reach of our longstanding partnership with Epson to a global offering," said Greg Estell,

Solutions President of SMART Technologies. "SMART Notebook allows educators to easily create engaging, interactive learning in a way that's natural to both teachers and students, and now they can do so on any Epson interactive projector."

This partnership includes a SMART Notebook Advantage subscription during the first year, and lets customers upgrade to new versions of Notebook software in that first year, as well as access technical support and unlock premium features within Notebook.



Cellprime expands product offerings

Cloudfone mobile phone maker Cellprime Distribution Corporation recently announced new partnerships and collaborations for 2016.

The company will unveil a range of smartphones, tablets, and mobile accessories through partnership with technology, lifestyle, sports, entertainment and gaming providers and brands such as Gionee, Hyundai, Microsoft/Windows 10, NBA, PBA, Disney, Marvel, Star Wars, Spotify, and XboxLive.

"In the future, we see that our consumers will continue to demand more for their digital lifestyle. I think that consumers will continue to consume more content on their own, engaging more devices, and continue to live their life through their devices," said Eric Yu, CEO of Cellprime.

Cellprime has collaborated with some names in the field of music, entertainment, sports, and gaming industries to come up with the CloudFone Special Edition smartphones and tablets. Meanwhile, its partnership with Korean carmaker Hyundai involves developing a line of mobile devices for mid-to-high-end smartphone users.



Lenovo opens Solutions Center in BGC

Lenovo Philippines has opened the Lenovo Solutions Center at their corporate headquarters in Bonifacio Global City, Taguig in an effort to strengthen ties with its clients, partners, and independent software vendors (ISV).

Also called the POC Lab, the Center boasts Lenovo's latest data center products for servers, storage, and networking, including Lenovo System x's technologies, Lenovo Storage S2200 SAN, VMware solutions, and Microsoft technology.

Currently open for scheduled visits, the Lenovo Solutions Center is located at the 10/F of 11th Corporate Center, 11th Ave. cor. Triangle Drive, Bonifacio Global City, Taguig.



Volkswagen PH promises 'more exciting' 2016

Volkswagen Philippines announced during its Media Appreciation Night last January its drive to be an even more "competitive" and "exciting" automotive company in 2016.

"With the core business principles that have made Volkswagen the enduring, trusted brand that it is today, with the full support of our parent company, the Ayala Corporation, and with the invaluable role of the media which serves as the indispensable link between Volkswagen and the public, Volkswagen Philippines enters 2016 a much stronger corporate entity," said John Philip Orbeta, VW Philippines President and CEO.

A banner year for the automotive industry, Volkswagen PH achieved in 2015 not only strong sales figures, but also a significant share of industry awards and positive media exposure.

The company also used the occasion to announce the initial salvo of product upgrades and introductions to the Volkswagen line-up, starting with the availability of the new Jetta sedan, now in diesel and petrol automatic variants, and upgraded versions of the Polo Sedan and Tiguan.

Before the program ended, Chief Operating Adviser Klaus Schadewald announced that Volkswagen Philippines will introduce in 2016 the following product developments: the Golf Comfortline and Highline variants, the R-Line of the Passat and Touareg, and the return of the original rugged version of the iconic Beetle, the Beetle Dune.

ENJOY NETFLIX WITH PAYMAYA

Want to binge-watch Netflix shows but don't have a credit card? You can now use PayMaya to pay for your subscription.

Developed by PayMaya Philippines, the digital financial services unit of PLDT and Smart Communications, Inc., PayMaya is an online payment app that generates your own instant virtual prepaid Visa on the app which you can then use to subscribe to Netflix.



To get a PayMaya account, download the app from the Google Play Store or App Store and register with any mobile number. You'll be given your own virtual Visa, which contains your card number, security code, and the expiration date.

Once you've loaded your virtual prepaid Visa card at PayMaya Load-Up Centers—available at 7-Eleven Cliqq kiosks, SM Business Centers, and Robinsons Business Centers—you can now use it to pay for your Netflix subscription.

"With PayMaya, we're opening the doors to the digital life to Filipinos who don't have credit cards by enabling access to services such as Netflix," said Paolo Azzola, co-Chief Operating Officer at PayMaya Philippines.

Billboard



Get the ultimate Mazda experience in new Makati showroom

There's an all-new Mazda showroom in town, and it's set to embody the new showroom experience Mazda wants its customers to feel and savor each time they visit a Mazda dealership.

Located at 2301 Don Chino Roces Avenue Extension in Makati, the newly built flagship Mazda dealership features a 2,233sqm display area that can showcase up to 12 vehicles. Mazda Makati also has 16 service bays to handle a full range of repairs—from check-ups and Preventive Maintenance Services (PMS) to body collision repair and repainting.

The brand new showroom also features an elegant and functional Mazda SKYLOUNGE facility, a customer holding area with modern amenities to make customers feel more relaxed and productive while waiting for their cars to be serviced.

Mazda Makati's showroom facilities are open from 7:30a.m. to 7p.m., Monday to Saturday, and 8a.m. to 5p.m. on Sundays. The service facilities are open from 7a.m. to 5p.m., Monday to Saturday.



SsangYong returns to PH

SsangYong Motor, South Korea's fourth largest automotive manufacturer, is back in Philippine shores under the Berjaya, the corporate pillar behind Mazda Philippines.

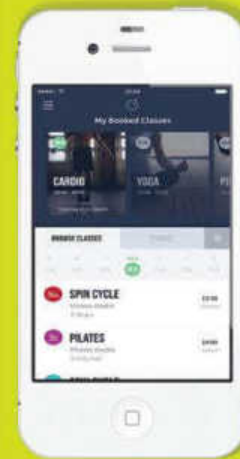
Heading the newly formed SsangYong Berjaya Motor Philippines Inc. (SBMP) is industry veteran David Macasadia as managing director. Francis Lee, Chairman of Berjaya Auto Philippines, Inc., serves as the chairman of SBMP.

SBMP is set to begin operations in April this year, and will open four full-service showrooms in the country: two in Metro Manila, one in Cebu, and one in Davao. The carmaker's initial offerings include the SsangYong Tivoli, Korando, and SsangYong Rodius.

STARMOBILE OPENS STORES IN CEBU, ILOILO

Starmobile recently inaugurated two new stores in the Visayas region. Located at SM Seaside Cebu and SM City Iloilo, the outlets opened its doors to the public just in time for the Sinulog and Dinagyang festivals, respectively.

"We are thrilled to increase our presence in Cebu and Iloilo," said Starmobile Chief Operating Officer Jerry Manus. "Visayas will be one of the strongest growth areas for Starmobile this year—in fact we now have five Starmobile-branded channels in Cebu and our outlet in Iloilo is our first concept store in the city," he added.



Say goodbye to boring fitness routines with GuavaPass app

Do you have trouble sticking to one type of exercise or committing to one gym? Then check out international fitness platform GuavaPass, which recently launched in the Philippines. With the GuavaPass app, you can choose from a variety of fitness classes anytime, anywhere.

GuavaPass promises a wide offering of fitness classes by partnering with elite Manila fitness studios. Those subscribed to the service can enjoy unlimited access to a variety of classes including yoga, kickboxing, spinning, pilates, dance, crossfit, and parkour, among others.

Register through the GuavaPass mobile app or website (guavapass.com), and pay the P2,999 monthly fee. This allows you to enroll to as many fitness classes you can.

Partner studios include 360 Fitness, Bikram Yoga Manila, Beast House, Beyond Yoga, CrossFit MNL, Elorde Boxing, F45, Flying Trapeze, Focus Athletics, Groundzero, HIIT Philippines, LIFE, Lift Hard, Ninja Academy, Polecats Manila, Plana Forma, Platinum Executive Fitness, Primal Ape Crossfit, Saddle Row, Sante Impact System, Ultimate Fitness, and Urban Ashram Yoga.

BEAUTY *at any age*
It's the quality of life that matters

What Can Be Treated with
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Forehead Lines Lift
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922-0186 | +63 915 8092481



f / Dr Anna MarieMontessa of MMG by ShimmianManila

FACIAL, ACNE, WHITENING & SKIN DISEASES TREATMENTS:

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Melasma & Syringoma Treatments • Radio Frequency for Skin Lifting • MOSAIC Fractional Laser for scars • Pore reduction and wrinkle removal • Comprehensive Whitening Program

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NON-SURGICAL ENHANCEMENT:

Rejuvenation & Slimming • Treatments • SILKLIGHT Laser Photorejuvenation • BOTOX • Dermal Fillers (Correction of Scars & Deep Wrinkles) • Scar & Keloid Removal • Mesolift • Body Contouring Fat lysis (Meso-therapy) • Cellulite Treatment • RF Bodyrite and Novashape Lipomelt • Laser Hair Removal • Laser Vein Treatment Sclerotherapy • Radio Frequency for Slimming • MOSAIC Fractional Laser for Melasma, Pore Reduction & Skin Rejuvenation • CO2 Fractional Laser for skin resurfacing • RF for Skin Tightening & Slimming Comprehensive Slimming and Weight Management Program and Muscle Building • Comprehensive Anti-Aging Program and Human Stem Cell Therapy



This entitles the bearer to a
FREE BRIGHTENING POWER PEEL

Store Directory

360Fly

360fly.com

ASUS

ASUS Technology Philippines, Inc.
(02) 634-0309
4/F Hanston Bldg.,
Ortigas Center, Pasig
ph.asus.com

Beyerdynamic

Beyond Innovations
(02) 634-5940
Unit B4, Topy's Place
Calle Industria cor.
Economia St., Libis,
Quezon City

Bluelounge

Available at Beyond the
Box and Digital Walker
bluelounge.com

BMW

Asian Carmakers
Corporation
28/F Pacific Star Bldg.,
Sen. Gil J. Puyat Ave.
cor. Makati Ave., Makati
bmw.com.ph

Converse

converse.com.ph

Discommon

discommon.com

Fender

fender.com

Ford

Ford Philippines
(02) 744-2222
29 EDSA, San Juan
ford.com.ph

Fujifilm

Fujifilm Philippines, Inc.
(02) 550-2420
30/F Oakwood Premier
Joy Nostalg-Center,
17 ADB Ave., Ortigas
Center, Pasig
fujifilm.com.ph

Garmin

Navco
(02) 632-9513
3/F Millennium Place,
Meralco Ave. cor.
Julia Vargas Ave.,
Ortigas Center, Pasig
ph.garmin.com
navco.com.ph

GE

ge.com/ph

H&M

Available at H&M stores
in Robinsons Magnolia,
SM North The Block,
SM Makati, and
SM Megamall
hm.com/ph

HP

Intellectual Property
Center, Upper
McKinley Rd., Taguig
www.hp.com/ph

HTC

htc.com/sea

Hydrao

hydrao.fr/en

IWC

IWC Schaffhausen
Boutique
(02) 707-9881
Space 1-071, Greenbelt 5,
Phase 2, Ayala Center,
Makati

JayBird

Available at Digital
Walker and Beyond
the Box

Kef

Co Ban Kiat Hardware, Inc.
(02) 243-1931 to 34
231 Co Ban Kiat Bldg. II,
Juan Luna St., Binondo,
Manila

Kia

kia.com/ph

Leica

LG/F Greenbelt 5, Makati
leica-camera.com

Lenovo

Lenovo (Philippines), Ltd.
(02) 558-5700
10/F 11th Corporate
Center, 11th Ave. cor.
Triangle Dr.,
Fort Bonifacio, Taguig
lenovo.com/ph

LG

LG Electronics
Philippines, Inc.
(02) 902-5544
15/F Legaspi St.,
Maybunga, Pasig
lg.com/ph

Lomography

shop.lomography.com

Manfrotto

manfrotto.com

Mango

shop.mango.com/PH/
men

Mercedes-Benz

Auto Nation Group, Inc.
(02) 784-5005
1008 EDSA Greenhills,
San Juan
mercedes-benz.com.ph

Misfit

mfit.com

Mitsubishi

Available at authorized
Mitsubishi dealers
mmpc.ph

Nike

Nike Philippines
(02) 802-7235
10/F Marajo Tower,
312 26th St. West cor.
4th Ave., Bonifacio
Global City, Taguig
nike.com/ph/en_gb

Nissan

Nissan Philippines, Inc.
21/F Eco Tower, 32nd St.
cor. 9th Ave., Bonifacio
Global City, Taguig
nissan.ph

Oris

Watchworks
(02) 911-7878
2/F Ali Mall,
Araneta Center,
Cubao, Quezon City
oris.ch/en/

Philips

EA Global Supply Chain
Solutions, Inc.
(02) 655-7777
Units 2907-2912 29/F
One Corporate Centre,
Julia Vargas Ave. cor.
Meralco Ave., Ortigas
Center, Pasig
philips.com.ph

Pioneer

Zamony Venture
Corporation
(02) 852-6706
708 Apelo Cruz St.
Malibay, Pasay
pioneer.ph

Porsche Design

Available at Porsche
Design boutiques
in Newport Mall and
Shangri-La Plaza

Ray

ray.co

Samsung

Available at Samsung
stores and authorized
retailers
samsung.com/ph

Sevenhugs

sevenhugs.com

Sony

Sony Philippines
(02) 878-7600 /
860-3333
11/F Marajo Tower,
312 26th St., West cor.
4th Ave., Bonifacio Global
City, Taguig
sony.com.ph

Tod's

tods.com

Under Armour

Available at Under
Armour stores in
Bonifacio High Street
and SM Megamall
underarmour.com.ph

Uniqlo

Available at SM MOA,
SM North EDSA,
Glorietta 5, SM City
Fairview, SM City, SM
Aura, SM Megamall,
SM Makati, SM South
Mall, SM City Marikina,
SM San Lazaro, SM BF
Paranaque, SM Seaside
City, SM Pampanga, SM
City Clark, SM City Lipa,
SM City Santa Rosa, SM
City Dasmariñas, SM
City Rosales SM City
Cebu, Eastwood City,
Gateway Mall, Power
Plant Mall, Century City
Mall, Estancia Mall,
Robinsons Place Manila,
Robinsons Galleria, and
Robinsons Magnolia
uniqlo.com/ph

Victorinox

Available at Swiss Army
boutiques in
SM Megamall and
Century City Mall,
Lucerne, Chronos,
L Timestudio, Swiss
Gear, and Wrist_Pod
victorinox.com/ch/
victorinox_travelgear

Volkswagen

Volkswagen BGC
(02) 558-5819
938 28th St.,
Bonifacio Global City,
Taguig
volkswagen.com.ph

Yamaha

Yamaha Motors
Philippines, Inc.
(02) 914-9620
Lot 8 Block 8 ADB Ave.
cor. Opal Rd., Ortigas
Center, Pasig
yamaha-motor.com.ph

Yokohama

yokohamatire.ph

Zara

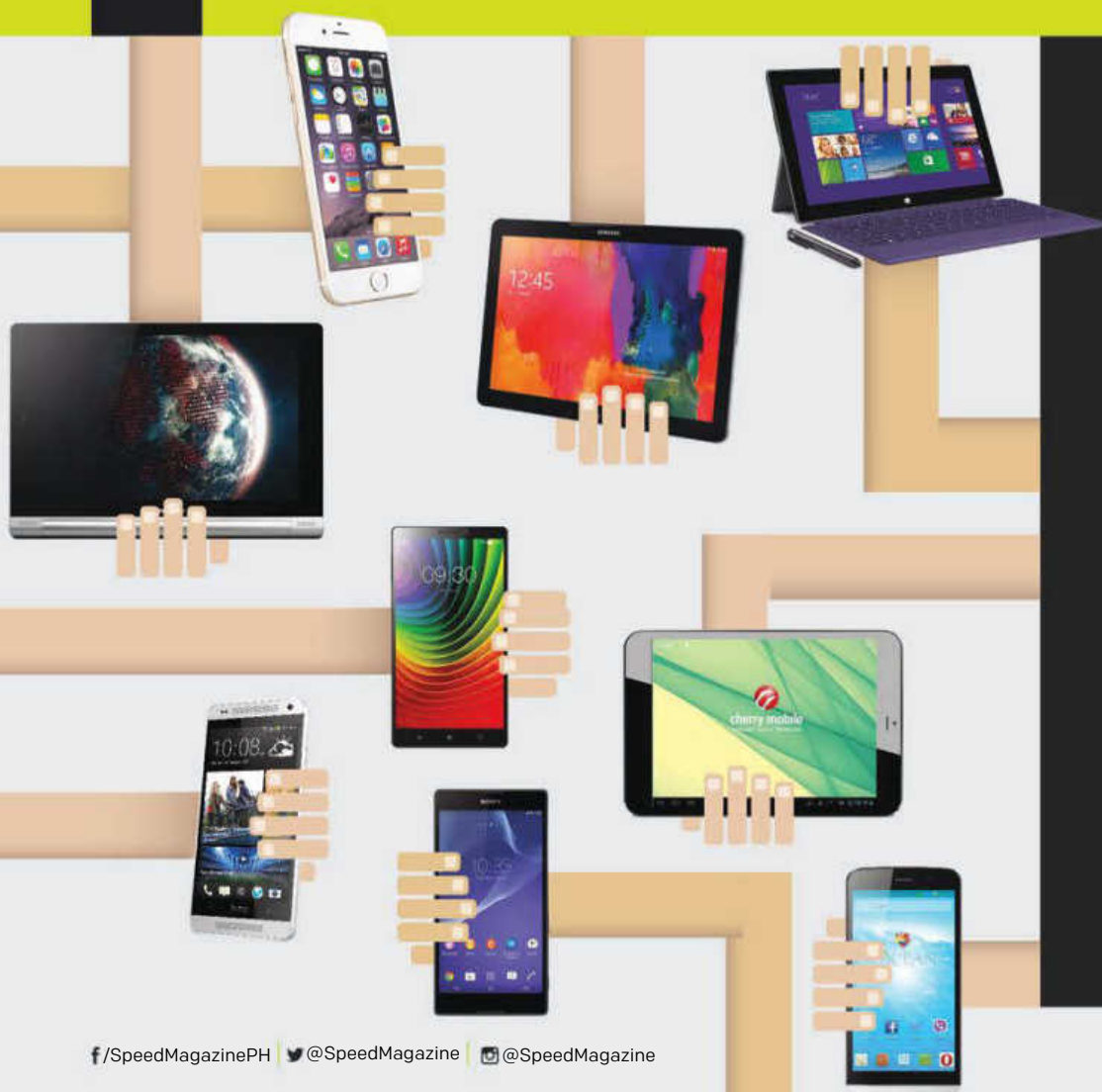
Available at Zara Man
boutiques at Shangri-La
Plaza, Power Plant Mall,
TriNoma, Greenbelt 5,
Glorietta 4, and SM Mall
of Asia

Zeiss

6/F Unit A Clipp Center,
11th Ave. cor. 39th St.,
Bonifacio Global City,
Taguig
zeiss.com

Buyer's Guide

SAVE OR SPLURGE,
THIS LIST IS ALL YOU'LL EVER NEED



138

UNDER
P10,000

140

UNDER
P20,000

142

P20,000
AND ABOVE



Acer Liquid Z630
P6,990

- Android 5.1 Lollipop
- 1.3GHz quad-core MediaTek MT6735
- 8MP rear, 8MP front
- 5.5" 1080 x 720
- 16GB built-in, microSD; 2GB RAM
- LTE
- optional dual SIM



Acer Liquid Z630S
P8,990

- Android 5.1 Lollipop
- 1.3GHz octa-core MediaTek MT6753
- 8MP rear, 8MP front
- 5.5" 1280 x 720
- 32GB built-in, microSD; 3GB RAM
- LTE
- optional dual SIM



Alcatel Flash 2
P6,190

- Android 5.1 Lollipop
- 1.3GHz octa-core MediaTek MT6753
- 13MP rear, 5MP front
- 5" 1280 x 720
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM



ASUS ZenFone 2 (ZE500CL)
P7,995

- Android 5.0 Lollipop
- 1.6GHz 64-bit Intel Atom Z2560
- 8MP rear, 2MP front
- 5" 1280 x 720
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM



ASUS ZenFone 2 (ZE551ML)
P9,995

- Android 5.0 Lollipop
- 1.8GHz 64-bit Intel Atom Z3580
- 13MP rear, 5MP front
- 5.5" 1920 x 1080
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM



ASUS ZenFone 2 Laser (ZE550KL)
P7,995

- Android 5.0 Lollipop
- 1.2GHz octa-core Qualcomm Snapdragon 410 MSM8939
- 13MP rear, 5MP front
- 5.5" 1280 x 720
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM



ASUS ZenFone Max (ZC550KL)
P8,695

- Android 5.0 Lollipop
- 1.2GHz quad-core Snapdragon 410 MSM8916
- 13MP rear, 5MP front
- 5.5" 1280 x 720
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM



ASUS ZenPad 7.0 (Z370CG)
P7,995

- Android 5.0 Lollipop
- 1.2GHz quad-core Intel Atom x3-C3230
- 8MP rear, 2MP front
- 7" 1280 x 800
- 16GB built-in, microSD; 2GB RAM



Cherry Mobile Flare Selfie
P7,999

- Android 5.1 Lollipop
- 1.3GHz octa-core MediaTek MT6753
- 16MP rear, 16MP front
- 5" 1280 x 720
- 16GB built-in, microSD; 3GB RAM
- LTE
- dual SIM



Cherry Mobile Flare 4/S4
P4,999

- Android 5.1 Lollipop
- 1.3GHz octa-core MediaTek MT6753
- 13MP rear, 5MP front
- 5" 1280 x 720
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM



Cherry Mobile Flare S4 Plus
P7,999

- Android 5.1 Lollipop
- 1.3GHz octa-core MediaTek MT6753
- 16MP rear, 8MP front
- 5.5" 1980 x 1020
- 16GB built-in, microSD; 3GB RAM
- LTE
- dual SIM



Cherry Mobile Flare X (2GB RAM)
P5,999

- Android 5.1 Lollipop
- 1.3GHz octa-core
- 13MP rear, 5MP front
- 5.5" 1280 x 720
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM



Cherry Mobile Omega HD Nitro
P4,499

- Android 5.1 Lollipop
- 1.1GHz quad-core Qualcomm Snapdragon 210 MSM8909
- 13MP rear, 5MP front
- 5" 1280 x 720
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM



Happy Mobile Aspire 2
P4,999

- Android 5.1 Lollipop
- 1.4GHz quad-core MediaTek MT6592
- 13MP rear, 5MP front
- 5" 1280 x 720
- 8GB built-in, microSD; 1GB RAM
- dual SIM



Huawei P8lite
P9,990

- Android 5.0.2 Lollipop
- 1.2GHz octa-core HiSilicon Kirin 620
- 13MP rear, 5MP front
- 5" 1280 x 720
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM


Lenovo A6000 Plus
P6,999

- Android 4.4.4 KitKat
- 1.2GHz quad-core Snapdragon 410
- 8MP rear, 2MP front
- 5" 1280 x 720
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM


Lenovo A7000
P7,499

- Android 5.0 Lollipop
- 1.5GHz octa-core MediaTek MT6752M
- 8MP rear, 5MP front
- 5.5" 1280 x 720
- 8GB built-in, microSD; 2GB RAM
- LTE
- dual SIM


Lenovo VIBE P1m
P7,999

- Android 5.1 Lollipop
- 1GHz quad-core MediaTek MT6735P
- 8MP rear, 5MP front
- 5" 1280 x 720
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM


LG Magna
P9,990

- Android 5.0 Lollipop
- 1.3GHz quad-core Cortex-A7 - H502
- 8MP rear, 5MP front
- 5" 1280 x 720
- 8GB built-in, microSD; 1GB RAM
- LTE
- dual SIM


MyPhone My32
P4,999

- Android 5.1 Lollipop
- 1.4GHz octa-core
- 13MP rear, 5MP front
- 5" 1280 x 720
- 16GB built-in, microSD; 2GB RAM
- dual SIM


MyPhone My33
P4,999

- Android 5.1 Lollipop
- 1.4GHz octa-core
- 13MP rear, 5MP front
- 5" 1280 x 720
- 16GB built-in, microSD; 2GB RAM
- dual SIM


MyPhone My35
P6,888

- Android 5.0 Lollipop
- 1.3GHz octa-core MediaTek MT6753
- 13MP rear, 5MP front
- 5" 1280 x 720
- 16GB built-in, microSD; 3GB RAM
- LTE
- dual SIM


MyPhone My36
P6,999

- Android 5.1 Lollipop
- 1.3GHz octa-core MediaTek MT6753
- 13MP rear, 5MP front
- 5.2" 1920 x 1080
- 16GB built-in, microSD; 3GB RAM
- LTE
- dual SIM


O+ Xfinit
P7,995

- Android 5.1 Lollipop
- 1GHz quad-core
- 8MP rear, 5MP front
- 5" 1280 x 720
- 32GB built-in, microSD; 3GB RAM
- LTE
- dual SIM


OPPO Neo 7
P7,990

- Android 5.1 Lollipop
- 1.2GHz quad-core Qualcomm Snapdragon 410 MSM8916
- 8MP rear, 5MP front
- 16GB built-in, microSD; 1GB RAM
- 5" 960 x 540
- LTE
- dual SIM


OPPO Mirror 5
P9,990

- Android 5.1 Lollipop
- 1.2GHz quad-core Qualcomm MSM8916 Snapdragon 410
- 8MP rear, 5MP front
- 5" 960 x 540
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM


Samsung Galaxy J5
P9,990

- Android 5.1 Lollipop
- 1.2GHz quad-core Qualcomm MSM8916 Snapdragon 410
- 13MP rear, 5MP front
- 5" 1280 x 720
- 8/16GB, microSD; 1.5GB RAM
- LTE
- optional dual SIM


Starmobile Knight Elite
P9,990

- Android 5.0 Lollipop
- 1.5GHz octa-core Qualcomm Snapdragon 615
- 13MP rear, 5MP front
- 5" 1920 x 1080
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM


Xiaomi Mi 4i
P9,799

- Android 5.0.2 Lollipop
- 1.7GHz quad-core Cortex-A53 & quad-core 1GHz Cortex-A53
- 13MP rear, 5MP front
- 5" 1920 x 1080
- 16/32GB built-in; 2GB RAM
- LTE
- dual SIM


ZTE Blade A711
P7,690

- Android 5.1 Lollipop
- 1.5GHz octa-core Qualcomm Snapdragon 615
- 13MP rear, 5MP front
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM

NEW!



Acer Liquid X2
P11,990

- Android 5.0 Lollipop
- 1.3GHz octa-core MediaTek MT6753
- 13MP rear, 13MP front
- 5.5" 1280 x 720
- 32GB built-in, microSD; 3GB RAM
- LTE
- triple SIM



Acer Predator 8 (GT-810)
P17,990

- Android 5.1 Lollipop
- 1.6GHz quad-core Intel Atom x7-Z8700
- 5MP rear, 2MP front
- 8" 1920 x 1200
- 32GB built-in, microSD; 2GB RAM



ASUS ZenFone 2 Deluxe
P17,995

- Android 5.0 Lollipop
- 2.3GHz quad-core 64-bit Intel Atom Z3580
- 13MP rear, 5MP front
- 5.5" 1920 x 1080
- 64/128GB built-in, microSD; 4GB RAM
- LTE
- dual SIM



ASUS ZenFone Selfie/ Selfie Deluxe
P11,995

- Android 5.0 Lollipop
- 1.7GHz Qualcomm Snapdragon 615 MSM8939
- 13MP rear, 13MP front
- 5.5" 1920 x 1080
- 32GB built-in, microSD; 3GB RAM
- LTE
- dual SIM



ASUS ZenPad S 8.0 (Z580CA)
P16,995

- Android 5.0 Lollipop
- 2.3GHz quad-core Intel Atom Z3580
- 8MP rear, 5MP front
- 8" 2048 x 1536
- 64GB built-in, microSD; 4GB RAM



BlackBerry Leap
P13,490

- BlackBerry 10.3.1
- 1.5GHz dual-core Qualcomm MSM8960
- 8MP rear, 2MP front
- 5" 1280 x 720
- 16GB built-in, microSD; 2GB RAM
- LTE

NEW!

BlackBerry Classic
P18,390

- BlackBerry 10.3.1
- 1.5GHz dual-core Qualcomm MSM8960
- 8MP rear, 2MP front
- 3.5" 720 x 720
- 16GB built-in, microSD; 2GB RAM
- LTE



Happy Mobile Prive
P11,999

- Android 4.4 KitKat
- 1.7GHz octa-core MediaTek MT6592
- 13MP rear, 8MP front
- 5.5" 1280 x 720
- 16GB built-in, microSD; 1GB RAM
- dual SIM



Huawei G8
P17,990

- Android 5.1 Lollipop
- 1.5GHz octa-core Qualcomm Snapdragon 615 MSM8939
- 13MP rear, 5MP front
- 5.5" 1920 x 1080
- 32GB built-in, microSD; 3GB RAM
- LTE

SPEED SAYS

They say nothing beats the classic. That's why BlackBerry's latest Classic model, which is now at a lower price, still holds a special place in the hearts of many.



**Huawei Honor 6+
P17,990**

- Android 4.4.2 KitKat
- 1.8GHz quad-core Cortex-A15 & 1.3GHz quad-core Cortex-A7
- 8MP rear, 8MP front
- 5.5" 1920 x 1080
- 32GB built-in, microSD; 3GB RAM



**Huawei MediaPad M2
P14,990**

- Android 5.0 Lollipop
- 2GHz octa-core HiSilicon Kirin 930
- 8MP rear, 2MP front
- 8" 1920 x 1200
- 32GB built-in, microSD; 3GB RAM
- LTE



**Lenovo Phab Plus
P14,999**

- Android 5.0 Lollipop
- 1.5GHz quad-core Cortex-A53 & 1GHz quad-core Cortex-A53
- 13MP rear, 5MP front
- 6.8" 1920 x 1080
- 32GB built-in, microSD; 2GB RAM
- LTE
- dual SIM



**Lenovo S90
P13,990**

- Android 4.4.4 KitKat
- 1.2GHz 64-bit quad-core Qualcomm Snapdragon 410
- 13MP rear, 8MP front
- 5" 1280 x 720
- 32GB built-in; 2GB RAM
- LTE
- dual SIM



**Lenovo VIBE P1
P14,999**

- Android 5.1 Lollipop
- 1.5GHz octa-core Qualcomm Snapdragon 615 MSM8939
- 13MP rear, 5MP front
- 5.5" 1920 x 1080
- 32GB built-in, microSD; 2GB RAM
- LTE
- dual SIM



**Lenovo VIBE S1
P15,999**

- Android 5.0 Lollipop
- 1.7GHz octa-core MediaTek MT6752
- 13MP rear, 8MP front and 2MP secondary front
- 5" 1920 x 1080
- 32GB built-in, microSD; 3GB RAM
- LTE
- dual SIM



**Lenovo VIBE Shot
P17,999**

- Android 5.0 Lollipop
- 1.7GHz octa-core Qualcomm Snapdragon 615
- 16MP rear, 8MP front
- 5" 1920 x 1080
- 32GB built-in, microSD; 3GB RAM
- LTE
- dual SIM



**LG G4 Beat LTE
P12,990**

- Android 5.1.1 Lollipop
- 1.5GHz octa-core Qualcomm Snapdragon 615
- 8MP rear, 5MP front
- 5.2" 1920 x 1080
- 8GB built-in, microSD; 1.5GB RAM
- LTE



**LG G4 Stylus
P10,990**

- Android 5.0 Lollipop
- 1.4GHz octa-core Qualcomm Snapdragon 410 MSM8916
- 13MP rear, 5MP front
- 5.7" 1280 x 720
- 8GB built-in, microSD; 1GB RAM
- LTE



**Microsoft Lumia 640 XL
P12,490 (LTE);
P10,790 (3G)**

- Windows Phone 8.1
- 1.2GHz quad-core Qualcomm Snapdragon 400
- 13MP rear, 5MP front
- 5.7" 1280 x 720
- 8GB built-in, microSD; 1GB RAM
- optional LTE
- dual SIM



**OPPO R7 Lite
P11,990**

- Android 5.1 Lollipop
- 1.5GHz octa-core Qualcomm Snapdragon 615 MSM8939
- 13MP rear, 8MP front
- 5" 1280 x 720
- 16GB built-in, microSD; 2GB RAM
- LTE
- dual SIM



**Samsung Galaxy J7
P12,990**

- Android 5.1 Lollipop
- 1.4GHz octa-core Qualcomm Snapdragon 615 MSM8939
- 13MP rear, 5MP front
- 5.5" 1280 x 720
- 16GB built-in, microSD; 1.5GB RAM
- LTE
- optional dual SIM



**Samsung Galaxy Tab A
P15,990**

- Android 5.0 Lollipop
- 1.2GHz quad-core ARM Cortex-A53
- 5MP rear, 2MP front
- 8" 1024 x 768
- 16GB built-in, microSD; 2GB RAM
- LTE



**Starmobile Knight Spectra
P14,990**

- Android 5.1 Lollipop
- 1.7GHz octa-core Qualcomm Snapdragon 615
- 13MP + 2MP dual rear, 8MP front
- 5.5" 1920 x 1080
- 32GB built-in, microSD; 3GB RAM
- LTE
- dual SIM



**Xiaomi Mi Pad
P10,999**

- Android 4.4 KitKat
- 2.2GHz quad-core NVIDIA Tegra K1
- 8MP rear, 5MP front
- 7.9" 2048 x 1536
- 16GB, microSD; 2GB RAM



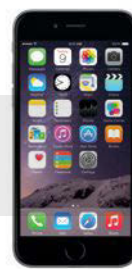
Apple iPad Air 2
Wi-Fi: P25,490 (16GB); P30,490 (64GB); P35,490 (128GB)
Wi-Fi+cellular: P31,990 (16GB); P36,990 (64GB); P41,990 (128GB)
 • iOS 8
 • A8X chip with 64-bit architecture and M8 motion coprocessor
 • 8MP rear, 1.2MP front
 • 9.7" 2048 x 1536
 • 16/64/128GB; 2GB RAM
 • LTE



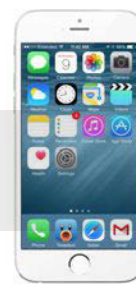
Apple iPad mini 4
Wi-Fi: P20,490 (16GB); P25,490 (64GB); P34,490 (128GB)
Wi-Fi + Cellular: P26,990 (16GB); P31,990 (64GB); P36,990 (128GB)
 • iOS 9
 • A8 chip with M8 motion coprocessor
 • 8MP rear, 1.2MP front
 • 7.9" 2048 x 1536
 • 16/64/128GB built-in; 2GB RAM
 • LTE



Apple iPad Pro
Wi-Fi: P42,990 (32GB); P50,990 (128GB)
Wi-Fi + Cellular: P57,990 (128GB)
 • iOS 9
 • A9X chip with 64-bit architecture and M9 motion coprocessor
 • 8MP rear, 1.2MP front
 • 12.9" 2732 x 2048
 • 32/128GB; 4GB RAM
 • LTE



Apple iPhone 6
P31,990 (16GB) P37,990 (64GB)
 • iOS 8
 • A8 chip with 64-bit architecture and M8 motion coprocessor
 • 8MP rear, 1.2MP front
 • 4.7" 1334 x 750
 • 16/64GB built-in; 1GB RAM
 • LTE



Apple iPhone 6 Plus
P37,990 (16GB) P43,990 (64GB)
 • iOS 8
 • A8 chip with 64-bit architecture and M8 motion coprocessor
 • 8MP rear, 1.2MP front
 • 5.5" 1920 x 1080
 • 16/64GB built-in; 1GB RAM
 • LTE



Apple iPhone 6s
P37,990 (16GB) P43,990 (64GB) P49,990 (128GB)
 • iOS 9
 • A9 chip with 64-bit architecture and M9 motion coprocessor
 • 12MP rear, 5MP front
 • 4.7" 1334 x 750
 • 16/64/128GB built-in; 2GB RAM
 • LTE



Apple iPhone 6s Plus
P43,990 (16GB) P49,990 (64GB) P55,990 (128GB)
 • iOS 9
 • A9 chip with 64-bit architecture and M9 motion coprocessor
 • 12MP rear, 5MP front
 • 5.5" 1920 x 1080
 • 16/64/128GB built-in; 2GB RAM
 • LTE



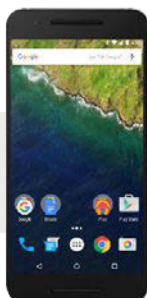
ASUS ZenFone Zoom (ZX551ML)
P26,995
 • Android 5.0 Lollipop
 • 2.5GHz quad-core Intel Atom Z3590
 • 13MP rear, 5MP front
 • 5.5" 1920 x 1080
 • 128GB built-in, microSD; 4GB RAM
 • LTE



BlackBerry Passport
P24,490
 • BlackBerry 10.3
 • 2.2GHz quad-core Qualcomm Snapdragon 801
 • 13MP rear, 2MP front
 • 4.5" 1440 x 1440
 • 32GB built-in, microSD; 3GB RAM
 • LTE



BlackBerry PRIV
P45,000
 • Android 5.1.1 Lollipop
 • 1.8GHz hexa-core Qualcomm Snapdragon 808 MSM8992
 • 18MP rear, 2MP front
 • 5.4" 2560 x 1440
 • 32GB built-in, microSD; 3GB RAM
 • LTE



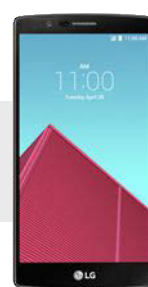
Google Nexus 6P
P29,990
 • Android 6.0 Marshmallow
 • 2GHz octa-core Qualcomm Snapdragon 810 MSM8994
 • 12.3MP rear, 8MP front
 • 5.7" 2560 x 1440
 • 64GB built-in; 3GB RAM
 • LTE



Huawei Mate S
P31,990
 • Android 5.1 Lollipop
 • 2.2GHz quad-core & 1.5GHz quad-core HiSilicon Kirin 935
 • 13MP rear, 8MP front
 • 5.5" 1920 x 1080
 • 32/64/128GB, microSD; 3GB RAM
 • LTE
 • optional dual SIM



Huawei P8
P21,990
 • Android 5.0 Lollipop
 • 2GHz octa-core HiSilicon Kirin 930
 • 13MP rear, 5MP front
 • 5.2" 1920 x 1080
 • 16GB built-in, microSD; 3GB RAM
 • LTE
 • dual SIM



LG G4
P31,990 (metallic finish); P32,990 (leather)
 • Android 5.1 Lollipop
 • 1.8GHz hexa-core Qualcomm Snapdragon 808
 • 16MP rear, 8MP front
 • 5.5" 2560 x 1440
 • 32GB built-in, microSD; 3GB RAM
 • LTE



LG V10
P37,990
 • Android 5.1.1 Lollipop
 • 1.8GHz hexa-core Qualcomm Snapdragon 808 MSM8992
 • 16MP rear, 5MP front
 • 5.7" 2560 x 1440
 • 64GB built-in, microSD; 4GB RAM
 • LTE


Microsoft Lumia 950
P28,990

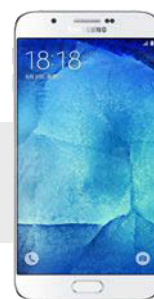
- Windows 10
- 1.8GHz hexa-core Qualcomm Snapdragon 808 MSM8992
- 20MP rear, 5MP front
- 5.2" 2560 x 1440
- 32GB built-in, microSD; 3GB RAM
- LTE


Microsoft Lumia 950 XL
P32,990

- Windows 10
- 2GHz octa-core Qualcomm Snapdragon 810 MSM8994
- 20MP rear, 5MP front
- 5.7" 2560 x 1440
- 32GB built-in, microSD; 3GB RAM
- LTE


OPPO R7 Plus
P21,990

- Android 5.1 Lollipop
- 1.5GHz octa-core Qualcomm Snapdragon 615 MSM8939
- 13MP rear, 8MP front
- 6" 1920 x 1080
- 32GB built-in, microSD; 3GB RAM
- LTE
- dual SIM


Samsung Galaxy A8
P24,990

- Android 5.1 Lollipop
- 1.8GHz quad-core Cortex-A53 & 1.3GHz quad-core Cortex-A53
- 16MP rear, 5MP front
- 5.7" 1920 x 1080
- 32GB built-in, microSD; 2GB RAM
- LTE


Samsung Galaxy Note5
P36,990

- Android 5.1 Lollipop
- 2.1GHz quad-core Cortex-A57 & 1.5GHz quad-core Cortex-A53
- 16MP rear, 5MP front
- 5.7" 2560 x 1440
- 32GB; 4GB RAM
- LTE


Samsung Galaxy S6
P29,990 (32GB)
P34,990 (64GB)

- Android 5.0 Lollipop
- 2.1GHz quad-core Cortex-A57 & 1.5GHz quad-core Cortex-A53
- 16MP rear, 5MP front
- 5.1" 2560 x 1440
- 32/64GB built-in; 3GB RAM
- LTE


Samsung Galaxy S6 edge
P34,990 (32GB)
P39,990 (64GB)

- Android 5.0 Lollipop
- 2.1GHz quad-core Cortex-A57 & 1.5GHz quad-core Cortex-A53
- 16MP rear, 5MP front
- 5.1" 2560 x 1440
- 32/64GB built-in; 3GB RAM
- LTE


Samsung Galaxy S6 edge+
P39,990 (32GB)
P44,990 (64GB)

- Android 5.1 Lollipop
- 2.1GHz quad-core Cortex-A57 & 1.5GHz quad-core Cortex-A53
- 16MP rear, 5MP front
- 5.7" 2560 x 1440
- 32/64GB; 4GB RAM
- LTE


Samsung Galaxy Tab S2 8.0
P24,990

- Android 5.0 Lollipop
- 1.9GHz quad-core & 1.3GHz quad-core
- 8MP rear, 2.1MP front
- 8" 2048 x 1536
- 32/64GB built-in, microSD; 3GB RAM
- LTE


Samsung Galaxy Tab S2 9.7
P29,990

- Android 5.0 Lollipop
- 1.9GHz quad-core & 1.3GHz quad-core
- 8MP rear, 2.1MP front
- 9.7" 2048 x 1536
- 32/64GB built-in, microSD; 3GB RAM
- LTE


Sony Xperia M5 Dual
P21,990

- Android 5.0 Lollipop
- 2GHz octa-core MediaTek MT6795 Helio X10
- 21.2MP rear, 13MP front
- 5" 1920 x 1080
- 16GB built-in, microSD; 3GB RAM
- LTE
- dual SIM


Sony Xperia Z4 Tablet
P42,990

- Android 5.0 Lollipop
- 2GHz quad-core Cortex-A57 & 1.5GHz quad-core Cortex-A53
- 8.1MP rear, 5.1MP front
- 10.1" 2560 x 1600
- 32GB built-in, microSD; 3GB RAM
- LTE


Sony Xperia Z5
P35,990

- Android 5.1 Lollipop
- 2GHz quad-core Cortex-A57 & 1.5GHz quad-core Cortex-A53
- 23MP rear, 5.1MP front
- 5.2" 1920 x 1080
- 32GB built-in, microSD; 3GB RAM
- LTE


Sony Xperia Z5 Compact
P29,990

- Android 5.1 Lollipop
- 2GHz quad-core Cortex-A57 & 1.5GHz quad-core Cortex-A53
- 23MP rear, 5.1MP front
- 4.6" 1280 x 720
- 32GB built-in, microSD; 2GB RAM
- LTE


Sony Xperia Z5 Premium
P40,990

- Android 5.1 Lollipop
- 2GHz quad-core Cortex-A57 & 1.5GHz quad-core Cortex-A53
- 23MP rear, 5MP front
- 5.5" 3840 x 2160 4K UHD
- 32GB built-in, microSD; 3GB RAM
- LTE

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HOURS</sup>

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JACK GARRETT

STARRING GARY SINISE
INTERNATIONAL UNIT CHIEF

MATTHEW SIMMONS

STARRING DANIEL HENNEY
SPECIAL OPERATIONS AGENT

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BEYOND BORDERS
MINDS**

GOING ABROAD HAS NEVER BEEN SO DEADLY.

PREMIERES

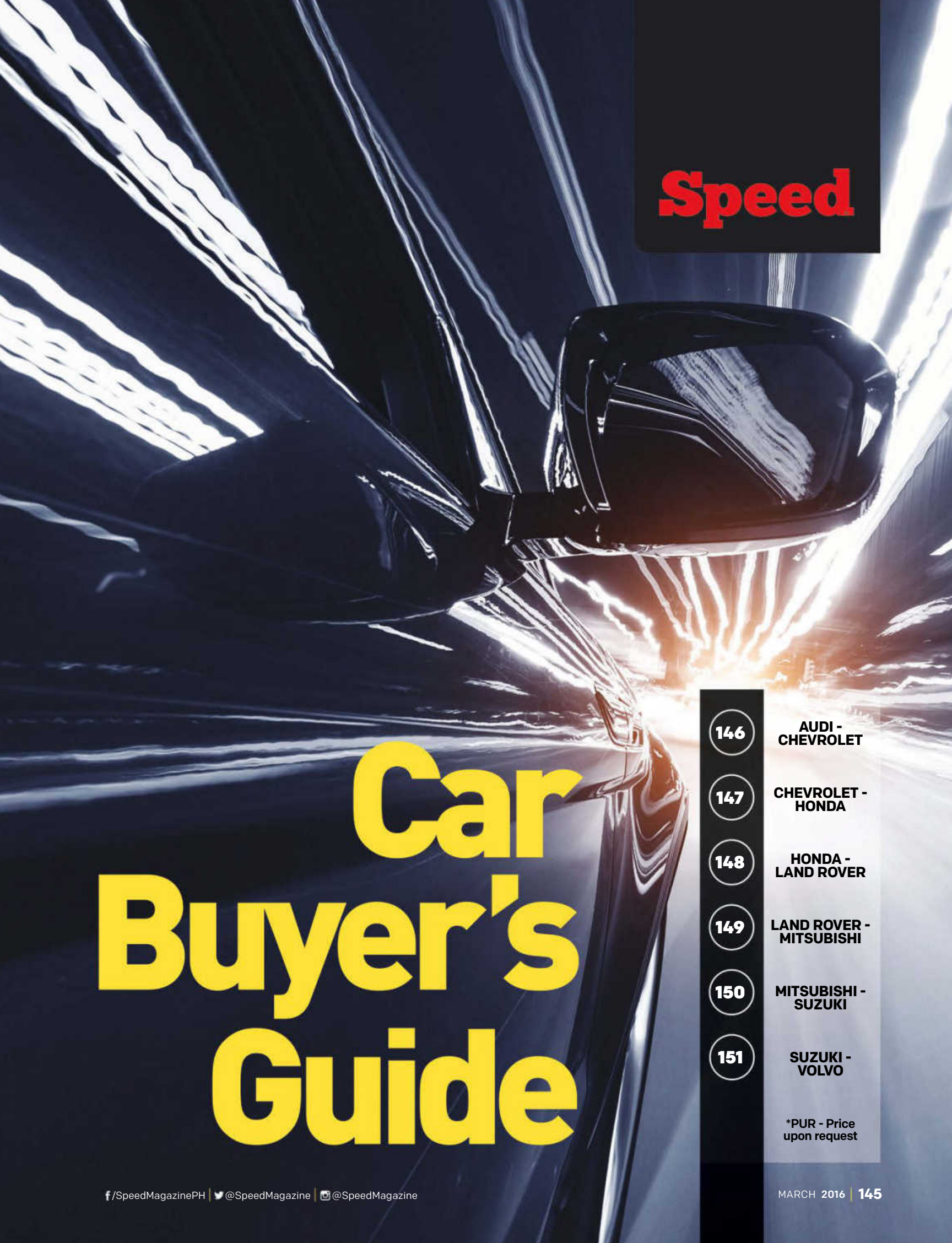
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AXNPhilippines AXNPH AXNPH

SKYCABLE CH 49 • CABLE LINK CH 38
SIGNAL CH 61 • DESTINY CABLE CH 61 • DREAM CH 20

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Speed

Car Buyer's Guide

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MITSUBISHI**

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**MITSUBISHI -
SUZUKI**

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**SUZUKI -
VOLVO**

*PUR - Price
upon request

MODEL	PRICE	DISPLACEMENT (L)	TRANSMISSION	FUEL	POWER (HP)	TORQUE (NM)
AUDI						
A1						
1.4 TFSI	P1,850,000	1.4	7AT	G	120	200
1.4 Sportback	P1,950,000	1.4	7AT	G	120	200
A3						
TDI Attraction	P2,630,000	2.0	7AT	G	148	320
TDI Ambition	P2,730,000	2.0	7AT	G	148	320
TFSI S-Tronic	P2,790,000	1.8	7AT	G	178	250
TFSI Quattro S-Tronic	P4,500,000	2.0	7AT	G	276	380
A4						
1.8 TFSI Multitronic	P3,080,000	1.8	CVT	G	168	320
2.0 TDI Multitronic	P3,190,000	2.0	CVT	D	143	320
A6						
2.0 TDI S-tronic	P4,750,000	2.0	7AT	D	175	380
3.0 TFSI Quattro	P5,650,000	3.0	7AT	G	310	325
A7						
3.0 TFSI Quattro	P6,630,000	3.0	7AT	G	310	440
A8						
3.0 TDI Quattro	P8,500,000	3.0	8AT	D	247	550
4.2 TFSI Quattro	P10,800,000	4.2	8AT	G	372	328
Q3						
1.4 TFSI	P2,990,000	1.4	7AT	G	147	340
2.0 TDI	P3,390,000	2.0	7AT	D	175	380
Q5						
2.0 TFSI Quattro S-tronic	P4,080,000	2.0	7AT	G	211	350
3.0 TFSI Quattro	P4,230,000	2.0	7AT	G	208	350
3.0 TDI Quattro	P4,430,000	2.0	7AT	D	175	380
Q7						
3.0 TDI Quattro	P6,690,000	3.0	8AT	D	272	600
3.0 TDI Quattro S-Line	P7,380,000	3.0	8AT	D	272	600
R8						
4.2 V8 FSI Quattro R-Tronic	P12,500,000	4.2	7AT	G	419	430
5.2 FSI Quattro	P14,300,000	5.2	7AT	G	525	530
5.2 FSI Quattro Spyder	P14,700,000	5.2	7AT	G	525	530
TT						
2.0 TFSI	P4,480,000	2.0	6AT	G	230	370
2.0 TFSI S-Line	P4,990,000	2.0	6AT	G	230	370
BAIC						
A1 Hatchback						
A113	P648,000	1.3	5MT	G	99	124
A115	P798,000	1.5	4AT	G	113	143
A1 Sedan						
A113	P665,000	1.3	5MT	G	99	124
A115	P780,000	1.5	4AT	G	113	143
A523 (Senova)						
Elite	P2,389,000	2.3	5AT	G	250	350
MZ						
MZ40 1.2 Comfort	P468,000	1.2	5MT	G	86	108
MZ40 1.2 Luxury	P488,000	1.2	5MT	G	86	108
MZ45 7-str	P580,000	1.2	5MT	G	86	108
MZ45 8-str	P598,000	1.2	5MT	G	86	108
MZ45 9-str	P598,000	1.2	5MT	G	86	108
X424						
Standard	P1,400,000	2.4	5MT	G	143	217
BMW						
1-Series						
116i Essential	P1,890,000	1.6	8AT	G	134	220
116i Package	P2,290,000	1.6	8AT	G	134	220
118d Urban/Sport Essential	P2,090,000	2.0	8AT	D	141	320
118d Urban/Sport Package	P2,590,000	2.0	8AT	D	141	320
2-Series						
218i Active Tourer Essential	P2,290,000	1.5	6AT	G	134	220
218i Active Tourer Package	P2,950,000	1.5	6AT	G	134	220
220i Coupe Sport Essential	P2,390,000	2.0	8AT	G	184	270
220i Coupe Sport Package	P2,990,000	2.0	8AT	G	184	270
3-Series						
318d Essential	P2,390,000	2.0	8AT	D	143	320
318d Package	P2,990,000	2.0	8AT	D	143	320
320d Luxury/Modern/ Sport Essential	P2,790,000	2.0	8AT	D	184	380
320d Luxury/ Modern Package	P3,550,000	2.0	8AT	D	184	380
320d Sport Package	P3,550,000	2.0	8AT	D	184	380
328i Sport Essential	P3,430,000	2.0	8AT	G	242	350
328i Sport Package	P4,290,000	2.0	8AT	G	242	350
4-Series						
420d Sport Essential	P3,190,000	2.0	8AT	D	184	380
420d Sport Package	P3,990,000	2.0	8AT	D	184	380
420d Gran Coupe Luxury/ Sport Essential	P3,490,000	2.0	8AT	D	184	380
420d Gran Coupe Luxury/ Sport Package	P4,290,000	2.0	8AT	D	184	380
5-Series						
520d Business Package	P4,190,000	2.0	8AT	D	184	380
520d Luxury Package	P4,990,000	2.0	8AT	D	184	380
528i Essential	P4,390,000	3.0	8AT	G	245	350
528i Package	P5,490,000	3.0	8AT	G	245	350
530d GT Luxury Essential	P5,790,000	3.0	8AT	D	258	560
530d GT Luxury Package	P6,190,000	3.0	8AT	D	258	560



MODEL	PRICE	DISPLACEMENT (L)	TRANSMISSION	FUEL	POWER (HP)	TORQUE (NM)
BMW						
6-Series						
640i Gran Coupe Essential	P6,790,000	3.0	8AT	G	320	450
640i Gran Coupe Package	P8,390,000	3.0	8AT	G	320	450
640i Coupe	P7,890,000	3.0	8AT	G	320	450
650i Coupe	PUR	4.4	8AT	G	407	600
650i Convertible	P10,700,000	4.4	8AT	G	407	600
7-Series						
730Li Essential	P6,990,000	3.0	8AT	G	254	310
730Li Package	P8,690,000	3.0	8AT	G	254	310
740Li Essential	P7,190,000	3.0	8AT	G	322	450
740Li Package	P8,890,000	3.0	8AT	G	322	450
M Series						
M135i Hatch Essential	P3,590,000	3.0	8AT	G	321	450
M135i Hatch Package	P4,690,000	3.0	8AT	G	321	450
M235i Coupe Essential	P3,990,000	3.0	8AT	G	321	450
M235i Coupe Package	P4,990,000	3.0	8AT	G	321	450
M3 Sedan Pure	P7,450,000	3.0	6MT	G	431	550
M3 Sedan	P8,490,000	3.0	7DCT	G	431	550
M4 Pure Edition	PUR	3.0	6MT	G	431	550
M4	PUR	3.0	7DCT	G	431	550
X1						
sDrive 18d Essential	P2,390,000	2.0	6AT	D	141	320
sDrive 18d Package	P2,990,000	2.0	6AT	D	141	320
sDrive 18d xLine/ Sport Package	P3,290,000	2.0	6AT	D	141	320
sDrive 18d M Sport	P3,690,000	2.0	6AT	D	141	320
X3						
xDrive 18d SE Essential	P2,990,000	2.0	8AT	D	150	360
xDrive 18d SE Package	P3,690,000	2.0	8AT	D	150	360
xDrive 20d Xline Essential	P3,490,000	2.0	8AT	D	190	400
xDrive 20d Xline Package	P3,690,000	2.0	8AT	D	190	400
X4						
xDrive 20d Essential	P3,890,000	2.0	8AT	D	190	400
xDrive 20d Package	P4,990,000	2.0	8AT	D	190	400
xDrive 30d Essential	P4,790,000	3.0	8AT	D	258	600
xDrive 30d M Sport Package	P5,990,000	3.0	8AT	D	258	600
X5						
xDrive 30d Essential	P5,190,000	3.0	8AT	D	258	560
xDrive 30d Package	P6,490,000	3.0	8AT	D	258	560
xDrive 30d Experience	P6,990,000	3.0	8AT	D	258	560
xDrive 30d Excellence	P6,990,000	3.0	8AT	D	258	560
xDrive 30d M Sport Package	P7,290,000	3.0	8AT	D	258	560
X6						
X6	P7,790,000	3.0	8AT	D	258	560
Z4						
201 sDrive Essential	P3,390,000	2.0	8AT	D	184	270
28i sDrive Package	P4,190,000	2.0	8AT	D	184	270
BYD						
F0						
1.0 GLX-I MT	P548,000	1.0	5MT	G	67	90
1.0 GL-I MT	P628,000	1.0	5AT	G	67	90
F3						
1.5 MT Fleet/Taxi	P698,000	1.5	5MT	G	107	145
F5						
GS-I 1.5 TID DCT	P1,288,000	1.5	6AT	G	152	240
L3						
GL-I 1.5 MT	P738,000	1.5	5MT	G	107	145
GS-I 1.5 AT	P828,000	1.5	6AT	G	107	145
Qin (Hybrid)						
Qin	P2,488,000	1.5	6DCT	G	291	440
S6						
GS-I 2.0 MT	P1,168,000	2.0	5MT	G	140	186
GS-I 2.4 DCT	P1,258,000	2.4	4AT	G	160	215
CHEVROLET						
Camaro						
V6 (LLT) 2LT Coupe 1EH37	P3,218,888	3.6	6AT	G	323	377
V8 (L99) 2SS Coupe 1ET37	P4,138,888	6.2	6AT	G	400	556
Captiva						
2.4L Gas 4x2 AT LS	P1,313,888	2.4	6AT	G	166	229
2.0L Diesel 4x2 LS	P1,413,888	2.0	6AT	D	148	320
Colorado						
2.5L 4x2 MT LT	P1,148,888	2.5	5MT	D	163	380
2.8L 4x4 MT LTZ	P1,468,888	2.8	5MT	D	200	500
2.8L 4x4 AT LTZ	P1,538,888	2.8	6AT	D	200	500
2.8L 4x4 MT Tracker Edition	P1,468,888	2.8	5MT	D	200	500
2.8L 4x4 AT Tracker Edition	P1,538,888	2.8	6AT	D	200	500
2.8L 4x4 MT Tracker Pro	P1,528,888	2.8	5MT	D	200	500
2.8L 4x4 AT Tracker Pro	P1,598,888	2.8	6AT	D	200	500
Cruze						
1.8 L MT	P858,888	1.8	5MT	G	139	176
1.8 LS AT	P963,888	1.8	6AT	G	139	176
1.8 LT AT	P1,103,888	1.8	6AT	G	139	176

MODEL	PRICE	DISPLACEMENT (L)	TRANSMISSION	FUEL	POWER (HP)	TORQUE (NM)
CHEVROLET						
Malibu						
2.4 LT	P1,398,888	2.4	6AT	G	165	225
2.4 LTZ	P1,528,888	2.4	6AT	G	165	225
Orlando						
1.8 LT	P1,238,888	1.8	6AT	G	139	176
Sonic						
1.4 LTZ Hatchback MT	P788,888	1.4	5MT	G	99	130
1.4 LTZ Hatchback AT	P838,888	1.4	6AT	G	99	130
Spark						
1.0L MT	P548,888	1.0	5MT	G	67	93
1.0L AT	P598,888	1.0	4AT	G	67	93
1.2 LT	P598,888	1.2	5MT	G	80	110
Spin						
1.3 LS MT	P838,888	1.3	5MT	D	74	190
1.5 LTZ AT	P858,888	1.5	6AT	G	108	141
1.3 LTZ MT	P928,888	1.3	5MT	D	74	190
Suburban						
4x2 LT	P4,888,888	5.3	6AT	G	321	454
4x4 LTZ	P5,888,888	5.3	6AT	G	321	454
Trailblazer						
2.5 4x2 LT MT	P1,298,000	2.5	5MT	D	163	380
2.5 4x2 LTX MT	P1,378,000	2.5	5MT	D	163	380
2.8 4x2 L AT	P1,398,000	2.8	6AT	D	200	500
2.8 4x2 LT AT	P1,488,888	2.8	6AT	D	200	500
2.8 4x2 LTX AT	P1,588,000	2.8	6AT	D	200	500
2.8 4x4 LTZ AT	P1,748,888	2.8	6AT	D	200	500
2.8 4x4 LTZ SE AT	P1,788,888	2.8	6AT	D	200	500
Trax						
1.4 LS AT	P998,888	1.4	6AT	G	138	200
1.4 LT AT	P1,218,888	1.4	6AT	G	138	200
CHRYSLER						
300C						
3.6 V6	P3,550,000	3.6	8AT	G	286	340
Town and Country						
3.6 V6 Limited	P2,880,000	3.6	6AT	G	283	344
DODGE						
Challenger						
6.4 SRT8	P4,250,000	6.4	8AT	G	485	644
Durango						
3.6 Citadel V6	P3,280,000	3.6	5AT	G	290	352
FORD						
EcoSport						
1.5 Ambiente MT	P775,000	1.5	6AT	G	108	142
1.5 Trend MT	P835,000	1.5	6AT	G	108	142
1.5 Trend AT	P885,000	1.5	6AT	G	108	142
1.5 Titanium AT	P985,000	1.5	6AT	G	108	142
Escape						
1.6L SE EcoBoost	P1,490,000	1.6	6AT	G	178	240
2.0L Titanium EcoBoost	P1,790,000	2.0	6AT	G	249	366
Everest						
Ambiente 2.2L 4x2 MT	P1,339,000	2.2	6MT	D	160	385
Ambiente 2.2L 4x2 AT	P1,399,000	2.2	6AT	D	160	385
Trend 2.2L 4x2 AT	P1,539,000	2.2	6AT	D	160	385
Titanium 2.2L 4x2 AT	P1,639,000	2.2	6AT	D	160	385
Titanium 3.2L 4x4 AT	P1,899,000	3.2	6AT	D	200	470
Titanium Premium 3.2L 4x4 AT	P1,999,000	3.2	6AT	D	200	470
Expedition						
3.5 EL Platinum with EcoBoost	P3,488,000	3.5	6AT	G	365	569
Explorer						
2.0 4x2 EcoBoost	P2,445,000	2.0	6AT	G	240	366
3.5 4x4 Limited	P2,695,000	3.5	6AT	G	290	346
3.5L AWD EcoBoost V6	P2,819,000	3.5	6AT	G	365	475
Fiesta						
1.0 EcoBoost	P898,000	1.0	6AT	G	123	170
1.5 Ambiente MT (4-dr)	P698,000	1.5	5MT	G	110	140
1.5 Trend MT (4-dr)	P748,000	1.5	5MT	G	110	140
1.5 Trend AT (4-dr)	P798,000	1.5	6AT	G	110	140
1.5 Titanium AT (4-dr)	P868,000	1.5	6AT	G	110	140
1.5 Ambiente MT (5-dr)	P698,000	1.5	5MT	G	110	140
1.5 Trend MT (5-dr)	P748,000	1.5	5MT	G	110	140
1.5 Trend AT (5-dr)	P798,000	1.5	6AT	G	110	140
1.5 Titanium AT (5-dr)	P868,000	1.5	6AT	G	110	140
Focus						
1.5 Titanium EcoBoost	P1,088,000	1.5	6DCT	G	178	240
1.5 Sport EcoBoost	P1,088,000	1.5	6DCT	G	178	240
1.5 Titanium+ EcoBoost	P1,278,000	1.5	6DCT	G	178	240
1.5 Sport+ EcoBoost	P1,278,000	1.5	6DCT	G	178	240
Mustang						
2.3L EcoBoost Premium	P2,499,000	2.3	6AT	G	310	434
5.0L V8 GT Premium	P2,999,000	5.0	6AT	G	435	542



MODEL	PRICE	DISPLACEMENT (L)	TRANSMISSION	FUEL	POWER (HP)	TORQUE (NM)
FORD						
Ranger						
2.2 4x2 Cab and Chassis MT	P709,000	2.2	5MT	D	118	285
2.2 4x2 Single Cab MT	P769,000	2.2	5MT	D	118	285
2.2 4x2 Base MT	P889,000	2.2	5MT	D	118	285
2.2 4x2 XLS MT	P1,039,000	2.2	6MT	D	148	375
2.2 4x4 XLS MT	P1,199,000	2.2	6MT	D	148	375
2.2 4x2 XLT MT	P1,219,000	2.2	6MT	D	158	385
2.2 4x2 XLT AT	P1,279,000	2.2	6AT	D	158	385
2.2 Wildtrak 4x2 MT	P1,360,000	2.2	6MT	D	158	385
2.2 Wildtrak 4x2 AT	P1,420,000	2.2	6AT	D	158	385
2.2 Wildtrak 4x4 MT	P1,470,000	2.2	6MT	D	158	385
2.2 Wildtrak 4x4 AT	P1,530,000	2.2	6AT	D	158	385
3.2 Wildtrak 4x4 MT	P1,619,000	3.2	6MT	D	197	470
3.2 Wildtrak 4x4 AT	P1,679,000	3.2	6AT	D	197	470
FOTON						
Thunder						
Thunder 4x2 Turbo	P898,000	2.8	5MT	D	161	360
Thunder 4x4 Turbo	P1,118,000	2.8	5MT	D	161	360
Strike 4x2	P998,000	2.8	5MT	D	161	360
Ironman 4x2	P1,248,000	2.8	5MT	D	161	360
Ironman 4x4	P1,468,000	2.8	5MT	D	161	360
Transvan						
15-seater	P920,000	2.8	5MT	D	94	225
Toplander						
2.8 4x2 MT	P998,000	2.8	5MT	D	161	360
2.8 4x4 MT	P1,150,000	2.8	5MT	D	161	360
View						
Traveller (15-seater)	P1,299,000	2.8	5MT	D	128	280
Traveller (18-seater)	P1,329,000	2.8	5MT	D	128	280
HONDA						
Accord						
2.4 S	P1,720,000	2.4	5AT	G	175	226
3.5 SV AT V6	P2,097,000	3.5	6AT	G	281	339
Brio						
1.3 S MT	P609,000	1.3	5MT	G	99	127
1.3 S AT	P649,000	1.3	5AT	G	99	127
1.3 V MT	P689,000	1.3	5MT	G	99	127
1.3 V AT	P729,000	1.3	5AT	G	99	127
Brio Amaze						
1.3 E MT	P629,000	1.3	5MT	G	99	127
1.3 E AT	P689,000	1.3	5AT	G	99	127
1.3 V MT	P729,000	1.3	5MT	G	99	127
1.3 V AT	P769,000	1.3	5AT	G	99	127
City						
1.5 E MT	P759,000	1.5	5MT	G	118	137
1.5 E CVT	P799,000	1.5	CVT	G	118	137
1.5 E CVT Specialized	P819,000	1.5	CVT	G	118	137
1.5 E CVT Modulo	P824,000	1.5	CVT	G	118	137
1.5 VX CVT Navi+	P898,000	1.5	CVT	G	118	137
1.5 VX Navi Modulo	P953,000	1.5	CVT	G	118	137
1.5 VX+ CVT Navi+	P988,000	1.5	CVT	G	118	137
1.5 VX+ Navi Mugen	P1,048,000	1.5	CVT	G	118	137
Civic						
1.8 S MT	P958,000	1.8	5MT	G	139	174
1.8 S AT	P998,000	1.8	5AT	G	139	174
1.8 E AT	P1,088,000	1.8	5AT	G	139	174
1.8 E AT Modulo	P1,138,000	1.8	5AT	G	139	174
2.0 EL AT	P1,268,000	2.0	5AT	G	153	190
2.0 EL AT MUGEN	P1,378,000	2.0	5AT	G	153	190
CR-V						
2.0 V MT	P1,328,000	2.0	6MT	G	151	190
2.0 V AT	P1,368,000	2.0	5AT	G	151	190
2.0 V Navi Cruiser Ed.	P1,408,000	2.0	5AT	G	151	190
2.0 S AT	P1,498,000	2.0	5AT	G	151	190
2.4 SX AT	P1,688,000	2.4	5AT	G	182	220
CR-Z						
MT	P1,440,000	1.5	6MT	G	136	190
CVT	P1,530,000	1.5	CVT	G	135	171
HR-V						
1.8L S CVT	P1,190,000	1.8	CVT	G	139	174
1.8L E CVT	P1,230,000	1.8	CVT	G	139	174
1.8L E CVT Modulo	P1,290,000	1.8	CVT	G	139	174
1.8L EL CVT	P1,340,000	1.8	CVT	G	139	174
1.8L EL CVT Mugen	P1,500,000	1.8	CVT	G	139	174
Jazz						
1.5 V MT	P778,000	1.5	5MT	G	118	145
1.5 V CVT	P818,000	1.5	CVT	G	118	145
1.5 V MT Mugen	P908,000	1.5	5MT	G	118	145
1.5 VX CVT	P918,000	1.5	CVT	G	118	145
1.5 VX+ CVT	P958,000	1.5	CVT	G	118	145
Legend						
3.5 Sport Hybrid SH-AWD	P4,380,000	3.5	7DCT	G	377	463

MODEL	PRICE	DISPLACEMENT (L)	TRANSMISSION	FUEL	POWER (HP)	TORQUE (NM)
HONDA						
Mobilio						
1.5 E MT	P807,000	1.5	5MT	G	118	145
1.5 V (CVT)	P877,000	1.5	CVT	G	118	145
1.5 RS NAVI CVT	P967,000	1.5	CVT	G	118	145
Odyssey						
2.4 EX-V NAVI	P2,348,000	2.4	CVT	G	173	226
HYUNDAI						
Accent						
1.4 E MT	P648,000	1.4	6MT	G	99	133
1.4 E CVT	P698,000	1.4	CVT	G	99	133
1.4 S MT	P768,000	1.4	6MT	G	99	133
1.4 S CVT	P828,000	1.4	CVT	G	99	133
1.4 L CVT	P888,000	1.4	CVT	G	99	133
1.6 E MT	P728,000	1.6	6MT	D	126	260
1.6 E AT	P778,000	1.6	6AT	D	126	260
Hatch 1.6 E MT	P808,000	1.6	6MT	D	126	260
Hatch 1.6 E AT	P858,000	1.6	4AT	D	126	260
Azera						
3.0 AT	P2,130,000	3.0	6AT	G	247	282
Elantra						
1.6 GL 6-speed MT	P828,000	1.6	6MT	G	126	154
1.6 GL 6-speed AT	P928,000	1.6	6AT	G	126	154
2.0 GLS 6-speed AT	P1,033,000	2.0	6AT	G	150	192
Eon						
0.8 GL	P438,000	0.8	5MT	G	55	75
0.8 GLS	P508,000	0.8	5MT	G	55	75
Genesis Coupe						
2.0 Turbo MT	P1,518,000	2.0	6MT	G	256	353
2.0 Turbo MT Brembo	P1,818,000	2.0	6MT	G	256	353
2.0 Turbo AT	P1,838,000	2.0	8AT	G	256	353
3.8 V6 MT Brembo	P1,958,000	3.8	6MT	G	299	396
3.8 V6 AT	P1,988,000	3.8	8AT	G	299	396
Grand i10						
1.0 E	P538,000	1.0	5MT	G	65	94
1.0 S MT	P588,000	1.0	5MT	G	65	94
1.0 S AT	P628,000	1.0	4AT	G	65	94
1.0 L	P698,000	1.0	4AT	G	65	94
1.2 L	P728,000	1.2	4AT	G	86	120
Grand Starex						
Tci FL 10-str MT	P1,348,000	2.5	5MT	D	99	226
Tci FL 12-str MT	P1,378,000	2.5	5MT	D	99	226
VGT GLS 10-str MT	P1,688,000	2.5	5MT	D	168	392
VGT GLS 12-str MT	P1,728,000	2.5	5MT	D	168	392
VGT GLS 10-str AT	P1,818,000	2.5	5AT	D	168	392
VGT Gold 10-str 5AT	P2,018,000	2.5	5AT	D	168	392
i10						
1.1 GL MT	P488,000	1.1	5MT	G	65	99
1.1 GL AT	P578,000	1.1	4AT	G	65	99
i20 Cross Sport						
1.4 GL MT	P848,000	1.4	5MT	G	99	133
1.4 GL AT	P888,000	1.4	4AT	G	99	133
1.4 GL CRDI	P1,048,000	1.4	6MT	D	89	221
Santa Fe						
2.2 R-eVGT 2WD	P1,568,000	2.2	6MT	D	194	422
2.2 LE R-eVGT 4x2	P1,768,000	2.2	6AT	D	194	422
2.2 LE R-eVGT 4x4	P2,228,000	2.2	6AT	D	194	422
2.2 Grand Santa Fe	P2,508,000	2.2	6AT	D	194	496
Sonata						
2.4 GLS AT	P1,698,000	2.4	6AT	G	176	228
2.4 GLS AT Premium	P1,898,000	2.4	6AT	G	176	228
Tucson						
2.0 GL E AT	P1,178,000	2.0	6AT	G	154	196
2.0 GL S AT	P1,368,000	2.0	6AT	G	154	196
2.0 GLS S CRDI	P1,538,000	2.0	6AT	D	176	400
2.0 GLS L CRDI AWD	P1,918,000	2.0	6AT	D	176	400
ISUZU						
Crosswind						
XS	P750,000	2.5	5MT	D	84	185
XL	P794,000	2.5	5MT	D	84	185
XT	P883,000	2.5	5MT	D	84	185
XUV	P1,010,000	2.5	4AT	D	84	185
Sportivo MT	P1,130,000	2.5	5MT	D	84	185
Sportivo AT	P1,195,000	2.5	4AT	D	84	185
D-Max						
FLEXI-QUBE	P712,000	2.5	5MT	D	108	280
LT 4x2 MT	P872,000	2.5	5MT	D	108	280
LT-X 4x2 MT	P935,000	2.5	5MT	D	108	280
LT 4x4 MT	P1,178,000	2.5	5MT	D	144	294
LS 4x2 3.0 VGS MT	P1,090,000	3.0	5MT	D	161	380
LS 4x2 MT	P1,154,000	2.5	5MT	D	144	294
LS 4x2 3.0 VGS AT	P1,160,000	3.0	5AT	D	161	380
LS 4x2 AT	P1,206,000	2.5	5AT	D	144	294
LS 4x4 3.0 VGS MT	P1,360,000	3.0	5MT	D	161	380



MODEL	PRICE	DISPLACEMENT (L)	TRANSMISSION	FUEL	POWER (HP)	TORQUE (NM)
ISUZU						
D-Max						
LS 4x4 MT	P1,428,000	2.5	5MT	D	144	294
LS 4x4 3.0 VGS AT	P1,430,000	3.0	5AT	D	161	380
LS 4x4 AT	P1,487,000	2.5	5AT	D	144	294
MU-X						
4x2 LS MT	P1,188,000	2.5	5MT	D	134	320
4x2 LS-M MT	P1,260,000	2.5	5MT	D	134	320
4x2 LS-A AT	P1,358,000	2.5	5AT	D	134	320
4x2 LS-A 3.0 VGS AT	P1,398,000	3.0	5AT	D	161	380
4x4 LS-A AT	P1,748,000	2.5	5AT	D	134	320
4x2 LS-A 4x4 3.0 VGS AT	P1,708,000	3.0	5AT	D	161	380
JAGUAR						
F-Type						
Coupe	PUR	3.0	8AT	G	340	450
Convertible	PUR	3.0	8AT	G	340	450
S Coupe	PUR	3.0	8AT	G	380	460
S Convertible	PUR	3.0	8AT	G	380	460
V8 S Convertible	PUR	5.0	8AT	G	495	624
R V8 Coupe	PUR	5.0	8AT	G	542	681
R V8 Convertible	PUR	5.0	8AT	G	542	681
XE						
2.0 Diesel Pure	PUR	2.0	8AT	D	178	428
2.0 R-Sport	PUR	2.0	8AT	G	237	339
3.0 V6 S Supercharged	PUR	3.0	8AT	G	335	450
XF						
3.0 V6 Diesel	PUR	3.0	8AT	D	237	500
3.0 V6 Diesel S	PUR	3.0	8AT	D	271	600
3.0 V6 Petrol	PUR	3.0	8AT	G	235	293
5.0 V8 Petrol Supercharged	PUR	5.0	6AT	G	380	515
XJ						
5.0 L V8 Supercharged	PUR	5.0	6AT	G	380	515
JEEP						
Cherokee						
2.4 Limited	P2,850,000	2.4	9AT	G	184	232
Trailhawk	P2,950,000	2.4	9AT	G	184	232
Grand Cherokee						
3.0 Limited CRD	P3,720,000	3.0	5AT	D	241	550
Summit 3.6 V6	P3,860,000	3.6	8AT	G	283	347
SRT8 6.4 Hemi V8	P4,680,000	6.4	8AT	G	475	624
Wrangler						
Sport	P3,190,000	3.6	5AT	G	285	353
Rubicon Unlimited	P3,190,000	2.8	5AT	D	200	460
Sahara	P3,290,000	2.8	5AT	D	200	460
KIA						
Carens						
1.7 LX MT	P1,155,000	1.7	6MT	D	134	320
1.7 LX AT	P1,270,000	1.7	6AT	D	134	320
1.7 EX AT	P1,525,000	1.7	6AT	D	134	320
Forte						
Sedan	P965,000	1.6	6AT	G	130	157
Koup	P1,090,000	2.0	6AT	G	161	194
5	P1,190,000	2.0	6AT	G	161	194
Grand Carnival						
2.2L EX CRDi	P2,300,000	2.2	6AT	D	200	440
Optima						
2.4 EX	P1,490,000	2.4	6AT	G	178	231
Picanto						
1.0 LX MT	P485,000	1.0	5MT	G	68	94
1.0 EX MT	P575,000	1.0	5MT	G	68	94
1.2 EX AT	P650,000	1.2	4AT	G	86	120
Rio						
1.2 LX 4-DR MT	P635,000	1.2	5MT	G	83	121
1.2 SLX 4-DR MT	P642,000	1.2	5MT	G	83	121
1.4 EX 4-DR MT	P735,000	1.4	6MT	G	106	135
1.4 EX 4-DR AT	P775,000	1.4	4AT	G	106	135
1.4 EX 5-DR AT	P895,000	1.4	4AT	G	106	135
Sorento						
2.2 EX AWD AT	P2,300,000	2.2	6AT	D	194	436
Soul						
1.6 LX at CRDi	P1,020,000	1.6	6AT	D	126	260
1.6 EX at CRDi	P1,090,000	1.6	6AT	D	126	260
Sportage						
2.0 EX 4x2 AT	P1,240,000	2.0	6AT	G	164	197
2.0 LX 4x2 AT	P1,303,000	2.0	6AT	G	175	392
LAND ROVER						
Defender						
90 SW TDP	PUR	2.4	6MT	D	121	360
110 SW TDP	PUR	2.4	6MT	D	121	360
Discovery						
2.0 Si4 Petrol	PUR	2.0	9AT	G	237	340
Discovery 4						
TDV6	PUR	3.0	8AT	D	209	520
V8	PUR	5.0	6AT	G	370	510

MODEL	PRICE	DISPLACEMENT (L)	TRANSMISSION	FUEL	POWER (HP)	TORQUE (NM)
LAND ROVER						
Freelander 2						
TD4	PUR	2.2	6AT	D	187	420
Range Rover						
Rover TDV8	PUR	3.6	6AT	D	309	700
V8 Supercharged	PUR	5.0	6AT	G	503	625
Range Rover Sport						
TDV6	PUR	3.0	8AT	D	208	520
V8 Supercharged	PUR	5.0	6AT	G	503	625
Range Rover Evoque						
Coupe Pure	PUR	2.0	6AT	G	237	340
Pure	PUR	2.0	6AT	G	237	340
Coupe Prestige	P5,500,000	2.0	6AT	G	237	340
Prestige	P5,350,000	2.0	6AT	G	237	340
Coupe Dynamic	PUR	2.0	6AT	G	237	340
Dynamic	PUR	2.0	6AT	G	237	340
LEXUS						
CT						
CT200h	P2,448,000	1.8	CVT	G	134	142
CT200h F Sport	P3,268,000	1.8	CVT	G	134	142
ES						
ES350	P3,658,000	3.5	6AT	G	272	346
GS						
GS350	P4,358,000	3.5	6AT	G	312	378
GS350 F Sport	P4,978,000	3.5	6AT	G	312	378
GS450h	P5,548,000	3.5	CVT	G	337	538
GX						
GX460	P5,578,000	4.6	6AT	G	301	446
IS						
IS350	P2,598,000	3.5	8AT	G	306	300
IS350 Sport	P3,108,000	3.5	8AT	G	306	300
LS						
LS460L (5-str)	P7,418,000	4.6	8AT	G	382	493
LS460L (4-str)	P8,408,000	4.6	8AT	G	382	493
LS600hL (5-str)	P9,668,000	5.0	CVT	G	439	520
LS600hL (4-str)	P10,638,000	5.0	CVT	G	439	520
LX						
LX570	P7,648,000	5.7	6AT	G	362	530
NX						
NX200t	P2,848,000	2.0	6AT	G	235	350
NX200T F Sport	P3,288,000	2.0	6AT	G	235	350
NX300h	P3,908,000	2.5	CVT	G	154	206
RC						
RC350	P3,648,000	3.5	8AT	G	313	378
RCF	P5,868,000	5.0	8AT	G	470	530
RX						
RX350	P4,068,000	3.5	6AT	G	292	360
RX350 F Sport	P4,938,000	3.5	6AT	G	292	360
RX350 Premier	P5,978,000	3.5	CVT	G	295	335
LOTUS						
Elise						
S Club Racer	P4,650,000	1.8	6MT	G	134	160
220 Cup	P5,350,000	1.8	6MT	G	217	250
Exige						
S Roadster	P7,500,000	3.5	6MT	G	345	400
Evora						
S Sport Racer	P8,880,000	3.5	6MT	G	400	410
MAZDA						
2						
SkyActiv S 4DR MT	P748,000	1.5	6MT	G	106	139
SkyActiv S 4DR	P795,000	1.5	6AT	G	106	139
SkyActiv V 5DR	P855,000	1.5	6AT	G	106	139
SkyActiv V 4DR	P865,000	1.5	6AT	G	106	139
SkyActiv R 4DR	P925,000	1.5	6AT	G	106	139
Speed	P975,000	1.5	6AT	G	106	139
3						
1.5 V SkyActiv 4-dr	P965,000	1.5	6AT	G	110	144
1.5 V SkyActiv 5-dr	P968,000	1.5	6AT	G	110	144
2.0 R SkyActiv 4-dr	P1,195,000	2.0	6AT	G	153	200
2.0 R SkyActiv 5-dr	P1,198,000	2.0	6AT	G	153	200
Speed with Bose	P1,308,000	2.0	6AT	G	153	200
6						
2.5L Sedan	P1,785,000	2.5	6AT	G	182	250
2.5L Sports Wagon	P1,795,000	2.5	6AT	G	182	250
BT-50						
2.2L 4x2 MT	P1,300,000	2.2	6MT	D	148	375
2.2L 4x2 AT	P1,350,000	2.2	6AT	D	148	375
3.2L 4x4 AT	P1,490,000	3.2	6AT	D	197	470
CX-5						
CX-5 Maxx	P1,345,000	2.0	6AT	G	153	200
2.0L FWD Pro	P1,495,000	2.0	6AT	G	153	200
2.5L AWD Sport	P1,695,000	2.5	6AT	G	185	250
CX-9						
3.7L Grand Touring AWD	P2,399,000	3.7	6AT	G	273	367
MX-5						
2.0L SkyActiv MT	P1,680,000	2.0	6MT	G	160	200
2.0L SkyActiv AT	P1,860,000	2.0	6AT	G	160	200



MODEL	PRICE	DISPLACEMENT (L)	TRANSMISSION	FUEL	POWER (HP)	TORQUE (NM)
MERCEDES-BENZ						
A-Class						
A200 AMG Sport	P2,310,000	1.6	7AT	G	154	250
A250 Sport	P2,680,000	2.0	7AT	G	208	350
A45 AMG	PUR	2.0	7AT	G	355	450
B-Class						
B200 Sport	P2,360,000	1.6	7AT	G	156	250
C-Class						
C200 Avantgarde	P3,580,000	2.0	7AT	G	184	300
C250 AMG	P3,980,000	2.0	7AT	G	208	350
CLA						
200	P2,760,000	1.6	7DCT	G	154	250
250	P3,380,000	2.0	7DCT	G	208	350
E-Class						
E250 CDI AVANTGARDE	P3,900,000	2.2	7AT	D	201	500
E63 AMG	P10,800,000	6.2	7AMT	G	518	700
G-Class						
G63	P12,800,000	5.4	7AT	G	537	760
GLA-Class						
220 CDI AMG Sport	P3,480,000	2.2	7DCT	D	168	350
250 Edition I	P3,720,000	2.0	7DCT	G	208	350
GL-Class						
GL350 CDI	P7,980,000	3.0	7AT	D	228	539
GLC-Class						
GLC	P4,090,000	2.0	9AT	G	211	350
GLE-Class						
250D	P4,990,000	2.1	9AT	D	204	480
350D	P6,390,000	3.0	9AT	D	258	620
Coupe	P6,880,000	3.0	9AT	G	362	520
M-Class						
ML350 CDI AMG Sport	P6,320,000	3.0	7AT	D	256	620
R-Class						
R350 Sport	P5,880,000	3.5	7AT	G	268	350
S-Class						
S500	P9,980,000	4.7	7AT	G	449	700
SL-Class						
SL350	P9,010,000	3.5	7AT	G	302	370
SLK-Class						
SLK200	P4,120,000	1.8	7AT	G	181	270
SLK250	P4,220,000	1.8	7AT	G	201	310
SLK350	P5,030,000	3.5	7AT	G	302	370
SLK55 AMG	P7,980,000	5.5	7AT	G	415	540
MINI						
Countryman						
Countryman	P2,550,000	1.6	6AT	G	121	160
Countryman S	P3,050,000	1.6	6AT	G	181	240
Countryman JCW	P3,900,000	1.6	6AT	G	218	260
Hatch						
Cooper AT 3 Door	P2,200,000	1.5	6AT	G	136	220
Cooper S AT 3 Door	P2,700,000	2.0	6AT	G	192	280
Cooper JCW	P3,550,000	2.0	6AT	G	231	320
Cooper 5 Door	P2,300,000	1.5	6AT	G	136	220
Cooper S 5 Door	P2,800,000	2.0	6AT	G	192	280
Paceman						
Paceman	P2,600,000	1.6	6AT	G	121	160
Paceman S	P3,100,000	1.6	6AT	G	181	240
Paceman JCW ALL4	P3,990,000	1.6	6MT	G	218	260
MITSUBISHI						
Adventure						
TX	P690,000	2.5	5MT	D	74	149
GX	P735,000	2.5	5MT	D	74	149
GLX	P870,000	2.5	5MT	D	74	149
GLS	P930,000	2.5	5MT	D	74	149
Super Sport	P975,000	2.5	5MT	D	74	149
ASX						
GLS	P1,163,000	2.0	CVT	G	148	197
GSR	P1,248,000	2.0	CVT	G	148	197
L300						
FB Deluxe	P741,000	2.5	5MT	D	70	140
FB Exceed	P766,000	2.5	5MT	D	70	140
Exceed XV	P943,000	2.5	5MT	D	70	140
Lancer						
EX GLX 1.6 MT	P840,000	1.6	5MT	G	115	154
EX GLX 1.6 AT	P870,000	1.6	4AT	G	115	154
EX MX 1.6 AT	P940,000	1.6	4AT	G	115	154
EX GT-A 2.0 CVT	P1,235,000	2.0	CVT	G	152	200
Mirage						
GLX MT	P533,000	1.2	5MT	G	77	100
GLX CVT	P583,000	1.2	CVT	G	77	100
GLS MT	P643,000	1.2	5MT	G	77	100
GLS CVT	P683,000	1.2	CVT	G	77	100
Mirage G4						
GX MT	P563,000	1.2	MT	G	77	100
GLX MT	P603,000	1.2	5MT	G	77	100
GLX CVT	P653,000	1.2	CVT	G	77	100
GLS MT	P703,000	1.2	5MT	G	77	100
GLS CVT	P753,000	1.2	CVT	G	77	100

MODEL	PRICE	DISPLACEMENT (L)	TRANSMISSION	FUEL	POWER (HP)	TORQUE (NM)
MITSUBISHI						
Montero Sport						
GLS 2WD AT	P1,500,000	2.4	8AT	D	178	430
GLS Premium 2WD AT	P1,685,000	2.4	8AT	D	178	430
GLS 4WD MT	P1,785,000	2.4	6MT	D	178	430
GT 4WD AT	P1,998,000	2.4	8AT	D	178	430
Pajero						
3.8 MIVEC	P2,500,000	3.8	5AT	G	247	329
3.2 Di-D	P2,700,000	3.2	5AT	D	163	373
Strada						
GL 4x2	P950,000	2.5	5MT	D	134	314
GLX 4x2	P1,058,000	2.5	5MT	D	134	314
GL 4x4	P1,125,000	2.5	5MT	D	134	314
GLX V 4x2 AT	P1,158,000	2.5	5AT	D	176	350
GLS V 4x4 MT	P1,320,000	2.5	5MT	D	176	350
GLS Sport V 4x4 AT	P1,440,000	2.5	5AT	D	176	350
NISSAN						
Almera						
1.2 MT	P630,000	1.2	5MT	G	79	108
1.5 E MT	P726,000	1.5	5MT	G	98	134
1.5 E AT	P762,000	1.5	4AT	G	98	134
1.5 V AT	P845,000	1.5	4AT	G	98	134
1.5 VL AT	P880,000	1.5	4AT	G	98	134
Altima						
2.5 SV	P1,650,000	2.5	CVT	G	178	243
3.5 SL	P2,030,000	3.5	CVT	G	270	340
Grand Livina						
Highway Star	P928,000	1.8	4AT	G	124	174
Juke						
1.6 Upper CVT	P980,000	1.6	CVT	G	114	154
Navara (NP300)						
2.5L 4x2	P916,000	2.5	6MT	D	161	403
2.5L 4x2 Calibre MT	P957,000	2.5	6MT	D	161	403
2.5L 4x2 EL Calibre MT	P1,059,000	2.5	6MT	D	161	403
2.5L 4x2 EL Calibre AT	P1,130,000	2.5	7AT	D	161	403
2.5L 4x4 EL MT	P1,281,000	2.5	6MT	D	161	403
2.5L 4x4 VL MT	P1,499,000	2.5	6MT	D	187	450
2.5L 4x4 VL AT	P1,520,000	2.5	7AT	D	187	450
Patrol						
Super Safari	P2,795,000	3.0	4AT	D	158	354
Royale	P3,990,000	5.6	5AT	G	317	526
Sylphy						
1.6 MT	P812,000	1.6	5MT	G	114	154
1.6 CVT	P915,000	1.6	CVT	G	114	154
1.8 CVT	P998,000	1.8	CVT	G	129	174
Urvan						
15-seater	P1,207,000	2.5	5MT	D	127	356
18-seater	P1,220,000	2.5	5MT	D	127	356
Cargo/High-roof	P1,201,000	2.5	5MT	D	127	356
X-Trail						
2.0 2WD (CVT)	P1,375,000	2.0	CVT	G	144	200
2.5 4WD CVT	P1,599,000	2.5	CVT	G	171	233
PEUGEOT						
208						
1.6 GTI THP	P1,950,000	1.6	6AT	G	200	275
308						
1.6 Petrol Allure	P1,490,000	1.6	6AT	G	250	140
Hatchback A/T						
1.6 Diesel Allure Station	P1,690,000	1.6	6AT	D	120	300
Wagon A/T						
1.6 Diesel GT Line	P1,890,000	1.6	6AT	D	120	300
Hatchback A/T						
1.6 Diesel GT Line Station	P1,890,000	1.6	6AT	D	120	300
Wagon A/T						
508						
1.6 eHDi Active	P1,895,000	1.6	6AT	D	120	300
1.6 eHDi Allure	P2,050,000	1.6	6AT	D	120	300
2.0 eHDi Allure	P2,190,000	2.0	6AT	D	163	340
2.2 GT HDi	P2,590,000	2.2	6AT	D	204	338
2008						
1.6 Allure	P1,450,000	1.6	4AT	G	120	160
3008						
2.0 HDi Allure	P1,990,000	2.0	6AT	D	163	340
5008						
2.0 HDi Allure	P2,190,000	2.0	6AT	D	163	340
RCZ						
1.6 THP	P2,850,000	1.6	6AT	G	156	240
Expert Tepee						
2.0 HDi	P2,200,000	2.0	6AT	D	163	340
PORSCHE						
Boxster						
Boxster	PUR	2.7	7AT	G	265	280
Boxster S	PUR	3.4	7AT	G	315	360
911						
Carrera	PUR	3.4	7AT	G	350	390
Carrera Cabriolet	PUR	3.4	7AT	G	350	390
Carrera S	PUR	3.8	7AT	G	400	440
Carrera S Cabriolet	PUR	3.8	7AT	G	400	440



MODEL	PRICE	DISPLACEMENT (L)	TRANSMISSION	FUEL	POWER (HP)	TORQUE (NM)
PORSCHE						
911						
Carrera 4	PUR	3.4	7AT	G	350	390
Carrera 4 Cabriolet	PUR	3.4	7AT	G	350	390
Carrera 4S	PUR	3.8	7AT	G	400	440
Carrera 4S Cabriolet	PUR	3.8	7AT	G	400	440
Targa 4	PUR	3.4	7AT	G	350	390
Targa 4S	PUR	3.8	7AT	G	400	440
Turbo	PUR	3.8	7AT	G	520	660
Turbo Cabriolet	PUR	3.8	7AT	G	520	660
Turbo S	PUR	3.8	7AT	G	560	700
Turbo S Cabriolet	PUR	3.8	7AT	G	560	700
GT3 RS4.0	PUR	3.8	7AT	G	475	440
Cayenne						
Cayenne S	PUR	3.6	8AT	G	420	550
Cayenne S E-Hybrid	PUR	3.0	8AT	G	416	590
Cayenne Turbo	PUR	4.8	8AT	G	520	750
Cayenne Diesel	PUR	3.0	8AT	D	245	550
Cayenne S Diesel	PUR	4.1	8AT	D	385	850
Cayman						
Cayman	PUR	2.7	7AT	G	275	290
Cayman S	PUR	3.4	7AT	G	325	370
Macan						
Macan	PUR	2.0	7AT	G	237	350
Macan S	PUR	3.0	7AT	G	340	460
Macan Turbo	PUR	3.6	7AT	G	400	550
Macan Diesel	PUR	3.0	7AT	G	245	580
Panamera						
Panamera Diesel	PUR	3.0	8AT	D	250	550
Panamera	PUR	3.6	7AT	G	310	400
Panamera S	PUR	3.0	7AT	G	420	520
Panamera 4	PUR	3.6	7AT	G	310	400
Panamera 4S	PUR	3.0	7AT	G	420	520
Panamera GTS	PUR	4.8	7AT	G	440	520
Panamera Turbo	PUR	4.8	7AT	G	520	700
Panamera Turbo S	PUR	4.8	7AT	G	570	750
SUBARU						
BRZ						
2.0 MT	P1,928,000	2.0	6MT	G	197	205
2.0 AT	P1,928,000	2.0	6AT	G	197	205
Forester						
2.0i-L	P1,398,000	2.0	CVT	G	148	198
2.0i-Premium	P1,598,000	2.0	6AT	G	148	198
2.0-X	P1,868,000	2.0	CVT	G	237	350
Impreza						
2.0i MT	P1,128,000	2.0	CVT	G	148	196
2.0i Sport AT	P1,298,000	2.0	CVT	G	148	196
Legacy						
2.5i-S	P1,808,000	2.5	CVT	G	173	236
3.6R-S	P2,098,000	3.6	CVT	G	256	350
Levorg						
1.6 GT-S	P1,718,000	1.6	CVT	G	168	250
Outback						
Outback 3.6 R	P2,298,000	3.6	5AT	G	256	350
2.5i-S	P2,068,000	2.5	CVT	G	175	235
WRX						
2.0 WRX MT	P1,818,000	2.0	6MT	G	268	350
2.0 WRX CVT	P1,888,000	2.0	CVT	G	268	350
WRX STI						
2.5 WRX STI	P2,498,000	2.5	6MT	G	296	407
2.5 WRX STI (Sunroof)	P2,598,000	2.5	6MT	G	296	407
XV						
2.0i	P1,298,000	2.0	CVT	G	148	196
2.0i Premium	P1,478,000	2.0	CVT	G	148	196
2.0i Premium w/ STI Kit	P1,578,000	2.0	CVT	G	148	196
SUZUKI						
Alto						
800 Standard	P398,000	0.8	5MT	G	47	68
800 Deluxe	P438,000	0.8	5MT	G	47	68
APV						
Type I GA	P575,000	1.6	5MT	G	91	127
Type II GLX MT	P745,000	1.6	5MT	G	91	127
TYPE II SGX AT	P820,000	1.6	4AT	G	91	127
Celerio						
Celerio MT	P507,000	1.0	5MT	G	67	90
Celerio AT	P542,000	1.0	CVT	G	67	90
Ertiga						
GA MT	P619,000	1.4	5MT	G	95	130
GL MT	P712,000	1.4	5MT	G	95	130
GL AT	P752,000	1.4	4AT	G	95	130
GLX	P812,000	1.4	4AT	G	95	130
Grand Vitara						
2.4 Grand Vitara 4x2	P1,160,000	2.4	4AT	G	165	225
Jimny						
JX	P738,000	1.3	5MT	G	81	110
JLX MT	P790,000	1.3	5MT	G	81	110
JLX AT	P845,000	1.3	4AT	G	81	110

MODEL	PRICE	DISPLACEMENT (L)	TRANSMISSION	FUEL	POWER (HP)	TORQUE (NM)
SUZUKI						
Kizashi						
2.4 Kizashi	P1,348,000	2.4	CVT	G	180	230
Swift						
1.2 Swift MT	P608,000	1.2	5MT	G	87	114
1.2 Swift AT	P648,000	1.2	4AT	G	87	114
1.4 Swift MT	P749,000	1.4	5MT	G	94	130
1.4 Swift AT	P789,000	1.4	4AT	G	94	130
Swift Dzire						
Swift Dzire MT	P568,000	1.2	5MT	G	86	114
Swift Dzire AT	P718,000	1.2	4AT	G	86	114
SX4						
Crossover	P899,000	1.6	4AT	G	110	150
TATA						
Indica						
1.4 DLX	P545,000	1.4	5MT	D	69	135
Indigo						
1.4 DLE	P525,000	1.4	5MT	D	69	135
Manza						
Manza	P600,000	1.4	5MT	G	89	116
1.3 Aura	P738,000	1.3	5MT	D	89	200
Vista						
Vista	P565,000	1.4	5MT	G	74	113
1.3 Ignis	P678,000	1.3	5MT	D	74	190
Xenon						
4x2 DLS	P830,000	2.2	5MT	D	148	320
4x4 DLE	P1,135,000	2.2	5MT	D	148	320
TOYOTA						
86						
2.0 MT	P1,636,000	2.0	6MT	G	197	205
2.0 AT	P1,736,000	2.0	6AT	G	197	205
Aero 2.0 MT	P1,846,000	2.0	6MT	G	197	205
Aero 2.0 AT	P1,946,000	2.0	6AT	G	197	205
Alphard						
3.5L AT	P3,277,000	3.5	6AT	G	271	340
Avanza						
1.3 J (5-str)	P667,000	1.3	5MT	G	95	121
1.3 E MT	P756,000	1.3	5MT	G	95	121
1.3 E AT	P797,000	1.3	4AT	G	95	121
1.5 G MT	P869,000	1.5	5MT	G	103	136
1.5 G AT	P910,000	1.5	4AT	G	103	136
Camry						
2.5 G	P1,511,000	2.5	6AT	G	176	231
2.5 S	P1,645,000	2.5	6AT	G	176	231
2.5 V	P1,745,000	2.5	6AT	G	176	231
3.5 Q	P2,128,000	3.5	6AT	G	273	346
Corolla Altis						
1.6 E	P850,000	1.6	6MT	G	120	154
1.6 G MT	P893,000	1.6	6MT	G	120	154
1.6 G AT	P949,000	1.6	CVT	G	120	154
1.6 V	P1,013,000	1.6	CVT	G	120	154
2.0 V	P1,215,000	2.0	CVT	G	143	187
FJ Cruiser						
4.0 V6	P1,798,000	4.0	5AT	G	268	380
Fortuner						
2.4 4x2 G Diesel MT	P1,386,000	2.4	6MT	D	147	400
2.7 4x2 G Gas AT	P1,392,000	2.7	6AT	G	163	245
2.4 4x2 G Diesel AT	P1,476,000	2.4	6AT	D	147	400
2.4 4x2 V Diesel AT	P1,736,000	2.4	6AT	D	147	400
2.8 4x4 V Diesel AT	P2,126,000	2.8	6AT	D	174	450
HiAce						
2.5 Commuter	P1,262,000	2.5	5MT	D	101	260
2.5 Grandia MT	P1,590,000	2.5	5MT	D	101	260
2.5 Grand AT	P1,655,000	2.5	4MT	D	101	260
Super Grandia Fabric	P1,855,000	2.5	4AT	D	101	260
Super Grandia Leather	P2,010,000	2.5	4AT	D	101	260
Hilux						
2.4 4x2 Cab & Chassis MT	P776,000	2.4	5MT	D	147	343
2.4 J MT	P929,000	2.4	5MT	D	147	343
2.4 E MT	P1,033,000	2.4	6MT	D	147	400
2.4 G MT	P1,208,000	2.4	6MT	D	147	400
2.4 G AT	P1,283,000	2.4	6AT	D	147	400
2.8 G 4x4 MT	P1,555,000	2.8	6MT	D	174	420
2.8 G 4x4 AT	P1,685,000	2.8	6AT	D	174	450
Innova						
2.0 J	P852,000	2.0	5MT	G	134	182
2.0 E MT	P967,000	2.0	5MT	G	134	182
2.0 E AT	P1,032,000	2.0	4AT	G	134	182
2.0 G MT	P1,078,000	2.0	5MT	G	134	182
2.0 G AT	P1,143,000	2.0	4AT	G	134	182
2.0 V	P1,236,000	2.0	4AT	G	134	182
2.5 J	P907,000	2.5	5MT	D	101	200
2.5 E MT	P1,022,000	2.5	5MT	D	101	200
2.5 E AT	P1,087,000	2.5	4AT	D	101	200



MODEL	PRICE	DISPLACEMENT (L)	TRANSMISSION	FUEL	POWER (HP)	TORQUE (NM)
TOYOTA						
Innova						
2.5 G MT	P1,133,000	2.5	5MT	D	101	200
2.5 G AT	P1,208,000	2.5	4AT	D	101	200
2.5 V	P1,291,000	2.5	4AT	D	101	200
Land Cruiser						
4.0 Prado VX	P3,017,000	4.0	5AT	G	275	385
3.0 Prado VX MT	P3,792,000	3.0	6MT	D	163	410
3.0 Prado VX AT	P3,889,000	3.0	5AT	D	163	410
LC200	P4,455,000	4.5	6AT	D	232	615
LC200 Premium	P4,878,000	4.5	6AT	D	232	615
Previa						
Previa 2.4	P2,453,000	2.4	4AT	G	170	224
Previa 2.4Q	P2,580,000	2.4	4AT	G	170	224
Prius (Hybrid)						
Prius	P2,250,000	1.8	I4	G	134	142
Prius C (Hybrid)						
Prius C	P1,637,000	1.4	I4	G	98	111
Prius C (full option)	P1,687,000	1.4	I4	G	98	111
RAV4						
2.5 4x2 Active A/T	P1,263,000	2.5	6AT	G	180	233
2.5 4x2 Active+	P1,441,000	2.5	6AT	G	180	233
2.5 4x2 Premium	P1,863,000	2.5	6AT	G	180	233
2.5 4x4 Premium	P2,066,000	2.5	6AT	G	180	233
Vios						
1.3 Base MT	P592,000	1.3	5MT	G	85	122
1.3 J MT	P630,000	1.3	5MT	G	85	122
1.3 E MT	P743,000	1.3	5MT	G	85	122
1.3 E AT	P778,000	1.3	4AT	G	85	122
1.5 G MT	P845,000	1.5	5AT	G	107	142
1.5 G AT	P880,000	1.5	4AT	G	107	142
1.5 TRD	P958,000	1.5	4AT	G	107	142
Wigo						
1.0 E MT	P468,000	1.0	5MT	G	64	85
1.0 G MT	P521,000	1.0	5MT	G	64	85
1.0 G AT	P556,000	1.0	4AT	G	64	85
1.0 TRD	P618,000	1.0	4AT	G	64	85
Yaris						
1.3 E MT	P736,000	1.3	5MT	G	106	141
1.3 E AT	P771,000	1.3	4AT	G	106	141
1.3 G AT	P861,000	1.5	4AT	G	106	141
VOLKSWAGEN						
Beetle						
1.2 TSI	P1,590,000	1.2	6MT	G	104	175
1.4 TSI	P1,790,000	1.4	7AT	G	158	240
Golf GTI						
2.0 TSI	P2,290,000	2.0	6AT	G	217	350
Jetta						
2.0 TDI	1,295,000	2.0	5MT	D	108	280
Polo						
1.6 MPI Sedan	P932,000	1.6	6AT	G	103	153
1.6 MPI Hatchback	P950,000	1.6	6AT	G	103	153
1.6 TDI MT	P950,000	1.6	6MT	D	104	250
Tiguan						
1.4 TSI MT	P1,740,000	1.4	6MT	G	120	200
2.0 Trendline TDI	P2,109,000	2.0	6AT	D	138	320
Touareg						
3.0 TDI V6	P4,290,000	3.0	8AT	D	242	550
Touran						
1.2 STI	P1,454,000	1.2	6MT	G	104	175
2.0 TDI	P1,775,000	2.0	7AT	D	108	280
VOLVO						
S60						
2.0 D4 Advantage	P2,595,000	2.0	8AT	D	181	400
2.0 T4	P2,895,000	2.0	6AT	G	190	300
2.0 D4	P3,195,000	2.0	8AT	D	181	400
2.0 D4 R-Design	P3,595,000	2.0	8AT	D	181	400
S80						
2.0 T5	P3,795,000	2.0	6AT	G	245	350
V40						
1.6 T4 Advantage	P2,288,888	1.6	6AT	G	180	240
1.6 T4	P2,395,000	1.6	6AT	G	180	240
1.6 T4 R-Design	P2,995,000	1.6	6AT	G	180	240
2.0 D4 Cross Country	P2,995,000	2.0	8AT	D	190	400
V60						
2.0 T5	P3,295,000	2.0	8AT	G	245	350
XC60						
2.0 T5	P3,795,000	2.0	6AT	G	245	350
2.0 D4	P3,995,000	2.0	8AT	D	181	400
2.0 D4 R-Design	P4,395,000	2.0	8AT	D	181	400
XC70						
2.4 DS AWD	P4,395,000	2.4	6AT	D	200	420



When social media is anything but social

Within



JOSEPH A.C. AYLLÓN

ten minutes into the morning, I had the updates I needed: the latest trends in the automotive industry, the newest technology platform to be launched, the next big endorser, the most recent event that had Manila buzzing, the latest food craze that populated Instagram, and more. And it didn't require reading through pages and pages of broadsheets and magazines. All it took was a little blue bird, and I was all set for the day.

Twitter, for me, is one of the many great things to come out of technology. It had become such a reliable source of information that it has taken some time away from my routine of reading broadsheets and magazines every morning. And while it doesn't take away the ritual of folding each page of the newspaper in between

sips of brewed coffee, technology offers one thing that the printed medium cannot: immediacy. With just my thumb, I easily access my Twitter account and immediately read hundreds of tweets from around the world—tweets so fresh, concise, and brief, yet so purposeful and direct. No amount of reading in two hours can give me that.

But what fascinates me even more with Twitter, Facebook, and other social media platforms is how people have become so open to the idea of publicly sharing their sentiments online. I find it very interesting to read the opinions, reactions, and commentaries that people post. These reactions sometimes offer much more than the story, and give me valued insight and a pulse on what people are thinking, what ticks them off, and what beguiles them.

For these reasons, I would say that social media has become the new age media power. Social media is not static; it never had been, yet it has evolved into a dynamic medium that gives you front row seats to what people think about you, your photos, your favorites, and your feelings. Social media has become such a powerful tool for influencing perception that it comes as no surprise that companies today are spreading their advertising budget to include social media channels.

Where's the social?

Now, someone who does not engage in any online social media activity whatsoever

might perceive it to be an interesting case study on sociology, and how this new form of media has impacted the way we relate to and interact with each other. That, to me, is where the trade-off lies. Because today, whether we admit it or not, we find ourselves to be less social because of social media.

Back in college, my thesis sought to determine if the internet had the potential of becoming a master or a servant in the dimension of human communication. That is, if the internet had the potential to dominate the way we communicate with each other and, in the process, eradicate interpersonal or face-to-face communication.

That study was done two decades ago when the internet in the Philippines was limited in scope and use. And as you might expect, my thesis only got to as far as stating that the

potentiality was probable but far-fetched. If I did that study today, my thesis would likely point to a different thought. Perhaps because I now see how my silly idea of a thesis could actually happen, and that at one point in the distant (or near) future, social behavior would be a concept in human history.

You might argue that my position here is a bit disconcerting or exaggerated. And perhaps it is to a certain degree. But try to observe that table next to you at lunch. Are the people talking or are they all hunched over their phones and checking their social media feeds?

You could say that in the end, social media is still controlled by the end-user and that humanity has not reached the point of no return. You could also say that while we enjoy reading what we see in our social media feeds, at the end of the day, we still value socializing with others more.

And so this topic begs the question: do you agree that using social media is causing us to socialize less with others? Soon enough I find myself reaching for my phone to post that question and crowdsource on Facebook.

I guess that answers it then.

(Disclaimer: The views expressed are those of the writer and do not reflect the opinions of the organization he is affiliated with.)

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